

9153549620

dumkalcollege@gmail.com

DUMKAL COLLEGE

P.O-Basantapur,P.S-Dumkal,Dist.-Murshidabad,WestBengal, PIN-742406

(Govt.Aided, Affiliated to the: University of Kalyani Included under section 2(f) & 12 (B) of UGC Act.)

2nd CYCLE NAAC ACCREDITATION PROCESS-2024

DVV Clarification

Metric ID: 1.2.2

Documentation for the VACs as required by the DVV clarification



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DUMKAL COLLEGE

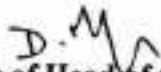
P.O-Basantapur, P.S-Dumkal, Dist.-Murshidabad, West Bengal, PIN-742406
(Govt.Aided, affiliated to the: University of Kalyani Included under section 2(f) & 12 (B) of UGC Act.)

Department of Commerce

Add on course in- "Basics of Income Tax"

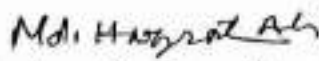
Date: 11/07/2018 to 18/07/2018

Sl No.	Signature of Participants
1	Ashim Mondal
2	Robiulawal Shaikh.
3	Ruhul Amin
4	Mandirul Islam.
5	Jannatul Ferdous
6	Biswarup. Pal.
7	Samiul Islam


Signature of Head of the Department

Head of the Department
Dept of Commerce
Dumkal College, Murshidabad

Speaker's Signature


Md. Hasrat Ali
Debasis Bandyopadhyay


Signature of Principal

Principal
Dumkal College, Basantapur
Dumkal, Murshidabad



D.M.
Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad



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DEPARTMENT OF COMMERCE

Title of Add-on-Course: Basics of Income Tax

Course Overview:

The course intends to impart knowledge on the practical aspects direct taxes to fulfill the needs of all types of taxpayers. It provides basic theoretical knowledge on the taxation provisions as per Income Tax Acts, 1961 (as per latest amendment) It also provides a practical orientation of computation of income under different heads of income along with the process of filing of return to the appropriation portal with the help of open sources software provided by the Government. At the same time the course also intends to provide assistance for proper tax planning and tax avoidance with the help of computing tools and also discourage tax evasion practices by the taxpayers.

Course Duration:

7 days (30 hours)

Course Objectives:

This Course will help a student to understand the prominence of e-filing of the income tax returns by disclosing the accurate taxable income or loss which will lead to a becoming of a responsible Indian Taxpayer.

Syllabus:

Lesson 1: Introduction to Income Tax

Residential Status of an Individual/HUF/Firm

Incidence of Tax

ASSIGNMENT

Lesson 2: Incomes exempt u/s 10, Heads of Income

Computation of Income from Salaries- Allowances, Perquisites (Taxable & non- taxable), Retirement Benefits (Pension, Gratuity & Leave Encashment), Provident Funds.

ASSIGNMENT

Lesson 3: Computation of Income from House Property (Self occupied/ Let out) - Deduction u/s 24a and 24b

Computation of Income from Capital Gain (Short term and long term) - Deduction u/s 54

ASSIGNMENT

Lesson 4: Computation of Income from other sources. Taxation of gifts.

Provision of raising / repayment of unsecured loan.

Deduction under Chapter VI (Sec 80C, 80CCD, 80D, 80DD, 80DDB, 80GG, 80G)

ASSIGNMENT

Lesson 5: Computation of tax (Normal & Special Rate of Tax) - Tax at old regime and ax at new regime

Rebate u/s 87A, Relief u/s 89

Clubbing of income (basic concept), Setoff and carry forward of loss (basic concept)

ASSIGNMENT

Lesson 6: Registration in Income ax portal for e-filing

Generation and interpretation of 26AS/AIS/TIS

Bank a/c validation/ Aadhaar- PAN Link/ Registration of DSC in e-filing portal



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e-payment of tax
ASSIGNMENT

Lesson 7: e – filing of ITR1 and ITR2 (online and excel/ java utility)

e- Verification of return.

ASSIGNMENT

- Participation in class activities and discussions
- Final project presentation and report

Admission: On the basis of first come first serve

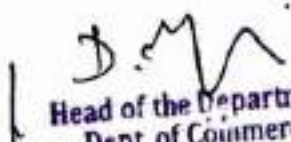
Prerequisites

WB/ CBSC/ ICSC Higher Secondary in commerce. Non-commerce students especially from science stream can also able to enroll for the course.

Resources

Open sources study material and software utilities as provided by the Income Tax Department and Tax Practice service provides.

(Visit to www.incometaxindia.gov.in/ www.taxguru.com)


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad


Principal
Dumkal College, Basantapur
Dumkal, Murshidabad



Dumkal College
Department of Commerce

Value- Basics of Income Tax

Course Duration: 30 Hours

Time Table

Sl. No.	Date	Day	Time	Venue
1	11.07.2018	Wednesday	11 am – 3:30 pm	Department of Commerce
2	12.07.2018	Thursday	11 am – 3:30 pm	Department of Commerce
3	13.07.2018	Friday	11 am – 3:30 pm	Department of Commerce
4	14.07.2018	Saturday	11 am – 3:30 pm	Department of Commerce
5	16.07.2018	Monday	11 am – 3:30 pm	Department of Commerce
6	17.07.2018	Tuesday	11 am – 3:30 pm	Department of Commerce
7	18.07.2018	Wednesday	11 am – 3:30 pm	Department of Commerce


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad



DUMKAL COLLEGE

Add on : Basics of income tax

Academic year : 2018-19

Organized by : Department of Commerce

certificate of completion

This is to certify that *Ruhul Amin* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad

Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax

Academic year : 2018-19

Organized by : Department of Commerce

certificate of completion

This is to certify that *Ashim Mondal* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad

Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax

Academic year : 2018-19

Organized by : Department of Commerce

certificate of completion

This is to certify that *Robiulawal Shaikh* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad

Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2018-19

Organized by : Department of Commerce

certificate of completion

This is to certify that *Manjirul Islam* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad

Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax

Academic year : 2018-19

Organized by : Department of Commerce

certificate of completion

This is to certify that *Jannatul Ferdous* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad

Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax

Academic year : 2018-19

Organized by : Department of Commerce

certificate of completion

This is to certify that *Biswarup Pal* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad

Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax

Academic year : 2018-19

Organized by : Department of Commerce

certificate of completion

This is to certify that *Samiul Islam* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad

Signature of Head of the Department & TIC

DUMKAL COLLEGE

DEPARTMENT OF COMMERCE

QUESTION PAPER

Add on course in Basics of Income Tax

Date: 11/07/2018 to 18/07/2018

FULL MARKS: 20

TIME: 30 Minutes

Attempt any 10 questions

(10 x 2 = 20)

1. Which of the following is an example of direct tax?
 - a) Excise duty
 - b) Income Tax
 - c) Custom Duty
 - d) Goods and Services Tax

2. As per new tax regime of India, what is the exemption limit of income tax for financial year 2021-22
 - a) Up to Rs. 500000
 - b) Up to Rs. 100000
 - c) Up to Rs. 750000
 - d) Up to Rs. 250000

3. Which one of the following is not a tax saving investment
 - a) Home loan principal repayment
 - b) Public Provident Fund
 - c) Life insurance premium
 - d) Fixed Deposits

4. What is the rate of tax for income tax slab between the income of Rs. 2.5 Lakh to Rs. 5 Lakh for Assessment Year 2018-19 ?
 - a) 5%
 - b) 20%
 - c) 15%
 - d) 10%

5. Which of the following income is not included in the term Income ?
 - a) Profit & gains
 - b) Dividend
 - c) Profit in lieu of salary
 - d) Reimbursement of travelling expenses.

6. What is not included in taxable Income ?

- a) Income from smuggling activity
 b) Casual income
 c) Capital receipt, except gains on transfer of capital asset.
 d) None of the above.
7. Income which are not included in total income of the assessee are called
 a) Exempt Income
 b) Income deductible u/s VI-A
 c) Taxable Incomes
 d) None of the above.
8. Income tax rates are fixed in which act ?
 a) Income Tax Act 1961
 b) Finance Act
 c) Companies Act 2013
 d) None of the above.
9. What is the Maximum Limit of deduction u/s 80C
 a) 1 lakh
 b) 2 lakh
 c) 1.5 lakh
 d) 2.5 lakh.
10. What is the maximum amount deduction of entertainment tax ?
 a) Actual amount of entertainment allowance received
 b) 20% of basic salary of the individual
 c) 5000
 d) All of the above.
1. On donation to whom of the following a 100% deduction is allowed u/s 80 G
 a) National Sports funds.
 b) Prime Ministers National Relief Fund
 c) Swachh Bharat Kosh
 d) All of the above.
2. Cash donation given to a charitable trust is eligible for deduction when the amount does not exceed
 a) Rs. 2000
 b) Rs. 5000
 c) Rs. 7000
 d) Rs. 10,000.

D. M.
 Head of the Department
 Dept. of Commerce
 Dumkal College, Murshidabad

Principal
 Dumkal College, Basantapur
 Dumkal, Murshidabad.

DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax
Answer Sheet

18
20

Name of the Student: Ashim Mondal

Date of Examination: 18/09/2018

Department: Geography

- | | | | |
|---|--|----|--|
| 1 | a) | 7 | a) |
| | <input checked="" type="checkbox"/> b) | | b) |
| | c) | | c) |
| | d) | | d) |
| 2 | a) | 8 | <input checked="" type="checkbox"/> a) |
| | b) | | b) |
| | c) | | c) |
| | <input checked="" type="checkbox"/> d) | | d) |
| 3 | a) | 9 | a) |
| | b) | | b) |
| | c) | | <input checked="" type="checkbox"/> c) |
| | <input checked="" type="checkbox"/> d) | | d) |
| 4 | <input checked="" type="checkbox"/> a) | 10 | a) |
| | b) | | b) |
| | c) | | <input checked="" type="checkbox"/> c) |
| | d) | | d) |
| 5 | a) | 11 | a) |
| | b) | | b) |
| | c) | | c) |
| | <input checked="" type="checkbox"/> d) | | <input checked="" type="checkbox"/> d) |
| 6 | a) | 12 | a) |
| | b) | | b) |
| | c) | | c) |
| | d) | | d) |



DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax
Answer Sheet

18
20

Name of the Student: *Robinshaw Mendal*

Date of Examination: *18/07/2018*

Department: *Geography*

- 1 a)
- b)
- c)
- d)

- 7 a)
- b)
- c)
- d)

- 2 a)
- b)
- c)
- d)

- 8 a)
- b)
- c)
- d)

- 3 a)
- b)
- c)
- d)

- 9 a)
- b)
- c)
- d)

- 4 a)
- b)
- c)
- d)

- 10 a)
- b)
- c)
- d)

- 5 a)
- b)
- c)
- d)

- 11 a)
- b)
- c)
- d)

- 6 a)
- b)
- c)
- d)

- 12 a)
- b)
- c)
- d)

J.M.

DUMKAL COLLEGE

Department of commerce

Add on course in Basics of Income Tax

Answer Sheet

16
20

Name of the Student:

RUBAL AARON

Date of Examination:

18.07.2018

Department:

English

- 1 a) '
b)
c)
d)

- 7 a)
b)
c)
d)

- 2 a)
b)
c)
 d)

- 8 a)
b)
c)
d)

- 3 a)
b)
c)
 d)

- 9 a)
b)
c)
d)

- 4 a)
b)
c)
d)

- 10 a)
b)
 c)
d)

- 5 a)
b)
c)
 d)

- 11 a)
b)
c)
 d)

- 6 a)
b)
 c)
d)

- 12 a)
b)
c)
d)

J.M.V

DUMKAL COLLEGE

Department of commerce

Add on course in Basics of Income Tax

Answer Sheet

12
20

Name of the Student: *Manjirul Islam*

Date of Examination: *18/07/2018*

Department: *Philasophy*

- 1 a)
b) ✓
c)
d)

- 7 a)
b)
c)
d)

- 2 a)
b)
c)
d) ✓

- 8 a) ✓
b)
c)
d)

- 3 a)
b)
c)
d) ✓

- 9 a)
b)
c) ✓
d)

- 4 a) ✓
b)
c)
d)

- 10 a)
b)
c) ✓
d)

- 5 a)
b)
c)
d) ✓

- 11 a)
b)
c)
d)

- 6 a)
b)
c) ✓
d)

- 12 a)
b)
c)
d)

✓
J.M.

DUMKAL COLLEGE

Department of commerce

Add on course in Basics of Income Tax

Answer Sheet

16
20

Name of the Student: *Jammatul Ferdous*

Date of Examination: *18/07/2018*

Department: *Mathematics*

- 1 a)
 b)
c)
d)

- 7 a)
b)
c)
d)

- 2 a)
b)
c)
 d)

- 8 a)
b)
c)
d)

- 3 a)
b)
c)
 d)

- 9 a)
b)
 c)
d)

- 4 a)
b)
c)
d)

- 10 a)
b)
 c)
d)

- 5 a)
b)
c)
d)

- 11 a)
b)
c)
 d)

- 6 a)
b)
 c)
d)

- 12 a)
b)
c)
d)

J.M.S

DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax

18
20

Answer Sheet

Name of the Student: *Biswampal*

Date of Examination: *18/7/2018*

Department: *Mathematics*

1 a)

b)

c)

d)

7 a)

b)

c)

d)

2 a)

b)

c)

d)

8 a)

b)

c)

d)

3 a)

b)

c)

d)

9 a)

b)

c)

d)

4 a)

b)

c)

d)

10 a)

b)

c)

d)

5 a)

b)

c)

d)

11 a)

b)

c)

d)

6 a)

b)

c)

d)

12 a)

b)

c)

d)

D.M.

DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax

Answer Sheet

16
20

Name of the Student: Samiul Islam

Date of Examination: 18/07/2018

Department: Bengali

- | | |
|--|--|
| 1 a) | 7 <input checked="" type="checkbox"/> a) |
| <input checked="" type="checkbox"/> b) | b) |
| c) | c) |
| d) | d) |
| 2 a) | 8 <input checked="" type="checkbox"/> a) |
| b) | b) |
| c) | c) |
| <input checked="" type="checkbox"/> d) | d) |
| 3 a) | 9 a) |
| b) | b) |
| c) | c) |
| <input checked="" type="checkbox"/> d) | d) |
| 4 <input checked="" type="checkbox"/> a) | 10 a) |
| b) | b) |
| c) | c) |
| d) | d) |
| 5 a) | 11 a) |
| b) | b) |
| c) | c) |
| <input checked="" type="checkbox"/> d) | d) |
| 6 a) | 12 a) |
| b) | b) |
| <input checked="" type="checkbox"/> c) | c) |
| d) | d) |

D.M.

**STUDENT ATTENDANCE
REGISTER**

Name... Add On Course

Address... Dept. of English

Year... 2018-2019

Bichitra Stationary, Kol-9

REGISTER OF ATTENDANCE OF STUDENTS
For the month

of... January ... 2019

Sl. No.	Roll No.	NAME OF STUDENTS
41		Solixul Ansary (PHH-02)
42		Juel Nendal (PHH-05)
43		A. Pamoni Saka (PHH-03)
44		Mahrizul Islam (PHH-04)

Roll No.	ATTENDANCE																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
41								✓	✓	✓					✓	✓	✓															
42								✓	✓	✓					✓	✓	✓															
43								✓	✓	✓					✓	✓	✓															
44								✓	✓	✓					✓	✓	✓															

ATTENDANCE																															No. of days			
19	20	21	22	23	24	25	26	27	28	29	30	31	Present	Absent on Leave	Absent without permission	Absent without excuse																		
			✓							✓	✓	✓	3	0	0	0																		
			✓							✓	✓	✓	3	0	0	0																		
			✓							✓	✓	✓	3	0	0	0																		
			✓							✓	✓	✓	3	0	0	0																		

No. Present Daily
No. Absent Daily
TOTAL:

Hindus- Muslims- + Others-
No. of Free Students- No. of 1/2 Free

No. of Working days during the month
Average Daily Attendance
Percentage of Attendance during the Month

REGISTER OF ATTENDANCE
For the month

REGISTER OF ATTENDANCE OF STUDENTS
of February 2019

Sl. No.	Roll No.	NAME OF STUDENTS
1		Tania Sultana (ENGH-1)
2		Asifa Sultana (ENGH-2)
3		Mahafiza Farwa (ENGH-3)
4		Prasanna Das Bairagya (ENGH-4)
5		Shreena Khatun (ENGH-5)
6		Sumi Sakham (ENGH-15)
7		Merina Khatun (ENGH-16)
8		Rashed Amin (ENGH-17)
9		Bratati Chakraborty (ENGH-24)
10		Koyce Ali (ENGH-33)
11		Israai Shaiikh (ENGH-37)
12		Chumki Halim (ENGH-39)
13		Dukaiya Khatun (ENGH-42)
14		Shirfi Khatun (ENGH-52)
15		Umme Naduya (ENGH-56)
16		Barnali Mandal (ENGH-65)
17		Jayanta Mandal (ENGH-69)
18		Samuel Rasel (ENGH-7)
19		Morjina Khatun (ENGH-12)
20		Bittal Hasan (ENGH-30)
21		Sakil Anwar (ENGH-40)
22		Aslam Mortuja (ENGH-44)
23		Sairul Islam (ENGH-51)
24		Kamal Hossain (ENGH-57)
25		Kamal Hasan (ENGH-78)
26		Somaiya Sarmin (ENGH-66)
27		Sakin Nolla (ENGH-54)
28		Badikul Islam (ENGH-7)
29		Rasel Mandal (HISH-01)
30		Arita Perzin (HISH-04)
31		Manwar Hossain (HISH-05)
32		Rasel Mandal (HISH-06)
33		Rakibul SK (HISH-11)
34		Naim Mandal (HISH-14)
35		Rafiqul Mandal (HISH-19)
36		Bapi Mandal (HISH-22)
37		Monirul Islam (HISH-28)
38		Md. Tinka Shaiikh (HISH-37)
39		Tania Khatun (HISH-38)
40		Suman Sarwar (PHISH-08)

No. Present Daily
No. Absent Daily
TOTAL:

Roll No.	ATTEND -																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
				✓	✓							✓	✓					
				✓	✓							✓	✓					
				✓	✓							✓	✓					
				✓	✓							✓	✓					
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				✓	✓							✓	✓					
				✓	✓							✓	✓					
				✓	✓							✓	✓					

Roll No.	ANCE																															No. of days			
	19	20	21	22	23	24	25	26	27	28	29	30	31	Present	Absent on Leave	Absent on other grounds	Absent without leave	Others																	
	✓	✓						✓	✓																										
	✓	✓						✓	✓																										
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	✓	✓						✓	✓																										

Hindus- Muslims- + Others-
No. of Free Students- No. of % Free Students-

No. of Working days during the month -
Average Daily Attendance -
Percentage of Attendance during the Month -

REGISTER OF ATTEND- For the month

ANCE OF STUDENTS of.....February.....2019

Sl No.	Roll No.	NAME OF STUDENTS
41		Solikhul Anam (PH14-02)
42		Juel Nendal (PH14-05)
43		A. Damoni Saha (PH14-03)
44		Muzhirul Islam (PH14-01)

Roll No.	ATTEND -																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

															ANCE					No. of days											
															19	20	21	22	23	24	25	26	27	28	29	30	31	Present	Absent on Leave	Late/absence	Absent without Leave

					✓							✓						
				✓	✓							✓	✓					
				✓	✓							✓	✓					
				✓	✓							✓	✓					
				✓	✓							✓	✓					
				✓	✓							✓	✓					

	✓	✓										✓	✓					
	✓	✓										✓	✓					
	✓	✓										✓	✓					
	✓	✓										✓	✓					
	✓	✓										✓	✓					

No. Present Day
No. Absent Day
TOTAL:



Note cam lite

Latitude : 24.10443605°

Longitude : 88.53538684°

Altitude : 24.0 meter

Date : 12/12/18 03:44:52 pm

Accuracy : 6.618319 meter

Time zone : IST

Note : Captured by Dumkal College Office

Department of English

Communicative English

Syllabus

Course Title: Communicative English

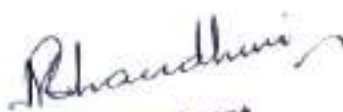
Course Description: This course focuses on developing students' ability to communicate effectively in English, with an emphasis on practical language use in real-life situations.

Course Objectives:

- Improve speaking, listening, reading, and writing skills in English
- Develop vocabulary and grammar in context
- Enhance communication skills in everyday situations
- Build confidence in using English in social, academic, and professional settings
- To train and prepare the students to seek and find employment in the corporate, media, English language teaching and content writing sectors.
- To impart knowledge, ideas and concepts in the technicalities of proper pronunciation, structure, appropriate use and style of the English Language as well as the application areas of English communication.
- To enable the students to conduct independent surveys, collect and analyze data, prepare and present reports and projects.

Unit 1: Language and Communication

- Introduction to communication
- Importance of communication and effective communication
- Barriers in communication
- Verbal and Non-verbal communication
- Introduction to Language
- Language varieties: standard and non-standard language
- Language change


Head of the Department
Dept. of English
Dumkal College, Murshidabad

Unit -2: Listening skills

- Casual Listening: Listening to announcements and summarizing
- Focused Listening:
 - Listening to announcements for specific information
 - Listening to interviews for specific information
 - Listening to speeches for specific attitudes through intonation patterns
 - Listening to dialogues/conversations for specific speech functions

Unit:3: Speaking Skills

A. Pronunciation

- Vowels
- Diphthongs
- Triphthongs
- Stress-word and sentence stress.
- Rhythm and intonation patterns

B. Accuracy and appropriateness

- Correct use of structure and vocabulary
- Effective use of complex structures
- Appropriate choice of language styles

C. Fluency:

- Naturalness of rhythm and speed
- Coherence in conveying message

Unit-4: Reading Skills

- Reading Comprehension
- Reading Strategies
- Literary Texts
- Knowledge Texts
- Scanning and Skimming
- Intensive and Extensive reading

Unit -5 Writing Skills

- Grammar: Modal verbs, Conjunctions, Active and Passive, message conveyed and distorted

- Personal Writing: Informal letters and Blogging, essays on oneself.
- Business writing: Introduction to professional and organisational writing.
- Writing a project/ fieldwork report: (i) Writing a report on business negotiations, (ii) Summarizing annual report of a company, (iv) Writing minutes of a meeting, (v) Electronics correspondence.

- Style

- Lexis

- Pragmatics

- Context

- Audience

Dumkal College

Department of English

Add-on Course on Communicative English

Session: 2018-2019 (From December, 2018 – March, 2019)

Day	Time	Teachers
Tuesday	03:30-04:30	Masadul Islam
Wednesday	03:30-04:30	Manas Ranjan Chaudhuri

Expertise Details for Teaching Communicative English (for the Session: 2018-2019)

1. Manas Ranjan Chaudhuri

Associate Professor in English, Department of English, Dumkal College

Teaching Experience: 18 Years

Specialisation: Linguistics

Completed PGCTE and PGDTE from English and Foreign Language University, Hyderabad

2. Masadul Islam

State Aided College Teacher (Formerly Part Time Teacher, Approved by Govt. of W.B.) of Dumkal College

Teaching Experience: 9+ Years (Since 22/12/2009)

Studied Linguistics as Subsidiary Subject with English Honours in Graduate Level from AMU

English Language Teaching (ELT) was the Specialisation Area in M.A. from AMU

Completed a Certificate Course from IGNOU, Titled Certificate in Functional English (CFE) in the Year 2011



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF COMPLETION

This is to certify that **RUKAIYA KHATUN** has successfully completed the Add-on course on "*Communicative English*" (Session- 2018-19), organised by the Department of English, Dumkal College with grade **A**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **BRATATI CHAKRABORTY** has successfully completed the Add-on course on "*Communicative English*" (Session- 2018-19), organised by the Department of English, Dumkal College with grade **A**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **MD TINKU GHOSH** has successfully completed the Add-on course on "*Communicative English*" (Session- 2018-19), organised by the Department of English, Dumkal College with grade **B**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **JUEL MONDAL** has successfully completed the Add-on course on "*Communicative English*" (Session- 2018-19), organised by the Department of English, Dumkal College with grade **B**.


Signature of Head of the Department


Signature of Principal


Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **MANJIRUL ISLAM** has successfully completed the Add-on course on "*Communicative English*" (Session- 2018-19), organised by the Department of English, Dumkal College with grade **B**.



Signature of Head of the Department



Signature of Principal



Signature of Coordinator, IQAC

DUMKAL COLLEGE, BASANTAPUR

FINAL EXAMINATION 2018-2019

ENGLISH HONOURS

Full Marks -50

Group -A

Answer any five of the following questions: 5x2=10

1. Define scanning and skimming.
2. What role does body language play in effective communication?
3. What are affixes?
4. Give examples of Non-verbal communication.
5. What is an abstract of a project report ?
6. What are the nasal sounds in English?
7. What is IPA?
8. Differentiate between diphthongs and clusters.
9. Define Phonemes with examples.
10. What is communication?

Group -B

Answer any four of the following questions: 4x5=20

1. Difference between intensive and extensive reading.
2. What are the key components of effective public speaking?
3. Differentiate between upward and downward communication
4. Give the phonetic descriptions for the sounds /s/, /h/, /v/and /g/?
5. Distinguish between phonetics and phonology.
6. How do you differentiate between the visual and audio -visual modes of communication?

Group -C

Answer any two of the following questions: 2x10=20

1. Discuss the structure of English language at the phonemic level.
2. Write an essay on air-stream mechanisms.
3. Write a field report on any field trip that you have attended.
4. What information is given in an annual report?

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UNIVERSITY OF KALYANI

MAIN ANSWER-BOOK

DUMKAL COLLEGE

..... Add-on - Course Examination. 20

Subject Communicative English Half / Group

INSTRUCTIONS

(must be read carefully by the examinees)

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Questions No.	Marks
Total	

No of supplementary answer sheets issued						
Signature of the Invigilator						

[Handwritten Signature]

Examiner's Signature

Scrutineer's Signature

Re-Examiner's Signature

Head Examiner / Coordinator's Signature

RUKAIYA KHATUN

Signature of Invigilator
[Signature]
 Officer-in-Charge

..... Examination, 20

Roll No. Reg. No. of 2018-19

Subject Paper Half/Group

Group - A

1. Effective Communication : Effective communication definition is the process of exchanging of transmitting ideas, information, thoughts, knowledge, data, opinion from the sender through a selected method or channel to the receiver with a purpose that can be understood with clarity.
2. Written communication : Written communication refers to the process of conveying information, ideas, or thoughts through written words. It involves using written language to express oneself clearly and effectively to a specific audience.
3. Report : A report is a well-planned document that describes and evaluates a problem or issue and is frequently used in communication. The format of a report depends on the type of report, the frequency for whom the report is intended.
4. Importance of cover page in a report : The cover of the report is what catches the attention of the reader first. An attractive cover leads to form a positive impression about the report and the writer. The cover should indicate the title of the project, the name of the author(s), the receiving authority and date/number of the report.

5) An abstract of a project report → The abstract is meant to be a brief summary of the report and should not exceed 200 words. The reader should be able to pick up from the abstract the main aim of the project, the background, the methodology used, the process followed, the results or outcome of the project.

10

Case

Group - B

1. Visual communication and Audio-Visual communication differ primarily in terms of the senses they engage and medium used.

→ Visual Communication -
Communication that relies on visual elements to convey messages.

The mediums of visual communications are → Includes images, charts, graphs, diagrams, posters, symbols, and written text.

Mode of Perception → Relies solely on sight

Purpose: Useful of conveying data, structure or visual appeal. It is commonly used in advertising, presentations and instructional materials.

* Audio-Visual Communication →

A form of communication that uses both sound and visual components to deliver messages.

Mediums: combines elements like videos, films, TV shows, podcasts with visuals, webinars and animation.

Mode: Engages both sight and hearing.

Purpose: More dynamic and impactful: often used for storytelling, instruction, entertainments, and presentations where a combination of visual and auditory elements.

4

② Upward communication and Downward communication are two key directions of communication flow within an organization. Here are the primary differences between them:

(i) Definition:

Upward → Information flows from subordinates to superiors. Employees communicate their feedback, suggestions and issues.

Downward → Information flows from superiors to subordinates. Managers communicate policies, instructions, goals, and feedback to lower level employees.

(ii) Purpose between them:

Upward → Facilitates employee input, feedback and reporting. It helps management to understand problems, morale.

(3)

Downward → Aims to direct, instruct, or inform subordinates about their tasks, organizational goals, or changes in procedures.

(iii) Content between them:

Upward → Typically includes performance reports, feedback, job-related challenges, employee suggestions.

Downward → Includes job instructions, work expectations, work expectations, ~~decisions~~ decisions, and performance feedback.

(iv) Nature:

Upward → Often more formal and structured as subordinates may be cautious in conveying information to superiors.

Downward → Generally directive, and may be more informal, as it is intended to communicate instructions to

share informations.

9.5

(3) Effective communication involves several key components that ensure the message is accurately received, understood.

These components includes —
(i) Clarity, (ii) Active Listening, (iii) Empathy
(iv) Non-Verbal Communication
(v) Adaptability, (vi) Confidences
and so on!

(i) Clarity: The message ~~should~~ should be clear, concise, and free from ambiguity. Avoid jargon or complex language that could confuse the receiver.

(ii) Active Listening: Active listening to speaker, providing feedback, responding appropriately involves maintaining eye contact, nodding.

(iii) Empathy: Understanding the emotions and perspectives of the other person helps to connect better and communicate in a more personalized manner.

(iv) Non-Verbal communication → Body language, facial expressions, gesture and tone of voice play a critical role in conveying emotions and intentions.

4

4) The primary difference between intensive and extensive reading lies in their purpose, ~~approach~~.

(i) Intensive Reading:

Purpose: To gain a deeper understanding of text.

Approach: Focuses on closely analyzing a short passage or text.

Pace: Slow and deliberate, often involving repeated reading.

Goal: To enhance language skills, comprehension, and critical thinking.

(ii) Extensive Reading:

Purpose: To read for general understanding and pleasure.

Approach: Cover longer texts, such as books or articles, without focusing on every word or detail.

Pace: Faster, skimming, ~~or~~ scanning through content.

Use: Often employed for recreational reading or gaining broad knowledge.



Group - C

- ① To remove barriers to effective communication,

~~Verbal communication~~ barriers :

- (i) Listen ~~Actively~~
- (ii) Avoid interruptions
- (iii) clarify understanding.

Non-Verbal communication :

- (i) Maintain eye contact.
- (ii) Use open body language
- (iii) Avoid distractions.
- (iv) show empathy.

~~Cultural and language~~ barriers :

- (i) Language training,
- (ii) cultural sensitivity training
- (iii) Use interpreters.
- (iv) Multilingual support.

Quick strategies :

- (i) Feedback and clarification
- (ii) Active listening
- (iii) Open communication
- (iv) Respect and empathy
- (v) Clear language and channels.

By implementing these strategies, you can effectively remove communication barriers.

7.5

2

writing a project report involves ~~several~~ several steps:

writing a project report : 6 steps:

- (i) Define purpose and scope
- (ii) Gather information and Data
- (iii) Develop an outline.
- (iv) Write on the report
- (v) Edit and revise
- (vi) Finalize and distribute

Best Practices:

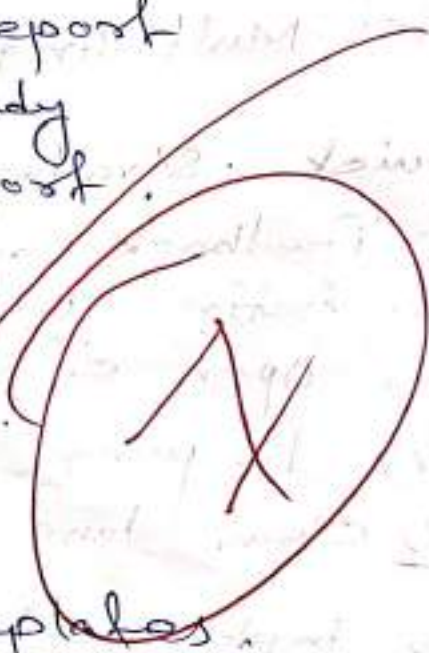
- (i) Clear language
- (ii) Executive summary
- (iii) Visual aids.
- (iv) Accuracy and objectivity

Common report structures:

- (i) Tech support.
- (ii) Management-report
- (iii) Feasibility study
- (iv) Progress report.

Tools:

- (i) Microsoft word
- (ii) Google Docs
- (iii) LaTeX
- (iv) Reporting templates



UK

40

Sl. No. SPL/M/22-23/

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UNIVERSITY OF KALYANI

MAIN ANSWER-BOOK

DUMKAL COLLEGE

Add-on - Course Examination. 20

Subject Communicative English Paper Half / Group

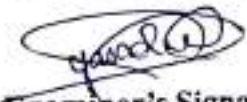
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Total	

No of supplementary answer sheets issued						
Signature of the Invigilator						



Examiner's Signature

Scrutineer's Signature

Re-Examiner's Signature

Head Examiner / Coordinator's Signature



Signature of Invigilator

BRATATI CHAKRABORTY

Som
Officer-in-Charge

Examination, 20

Roll No. Reg. No. of 2018-19

Subject Paper Half/Group

1) Define effective communication:

Effective communication definition is the process of exchanging or transmitting ideas, information, thoughts, knowledge, data, opinion or messages from the senders through a selected method or channel to the receiver with a purpose that can be understood with clarity.

6) Diphthong:

A diphthong is a speech sound that combines two vowel sounds into one, where the pronunciation glides from one sound to the other in the same syllable. The word "diphthong" comes from the Greek word diphthogos, which means "having two sounds".

7) Affixes:

Affixes, a grammatical element that is combined with a word, stem to produce

derived or inflected forms.
These three main types of affixes, infixes and Suffixes.

Examples of Non-Verbal Communication are: -

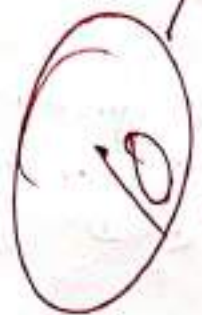
* Nonverbal communication is body language, gestures, body posture, etc, used for conveying information.

* Skimming:

used to get a general overview of a text by quickly reading it and picking out key words and sentences.

* Scanning:

Used to find specific facts in a text by quickly reading it line by line and looking for key words, dates and numbers.



(4)

The primary difference lies in their purpose, approach and level of engagement with the text.

(1) Intensive Reading:

Purpose: To gain deeper understanding of the text.

Approach: Focuses on closely analyzing a short passage or text.

Goal: To enhance language skills, comprehension, and critical thinking.

(2) Extensive Reading:

Purpose: To read for general understanding and purpose.

Approach: covers longer text
such as books or articles
without focusing on every
word or detail.

Goal: To improve reading
fluency, and encourage
a long of reading.

(4)

(B) Barriers to communication can
hinder effective exchange
of ideas, reduce productivity,
and lead to misunderstand-
ings. Here are some strategies
for removing communication
barriers.

1) Clarity and Simplicity of message

* Solution: Uses clear and
straightforward language. Avoid
jargon, technical terms or
ambiguous expressions
that may confuse the audience.

* Benefit: makes the message easier to understand, reducing the risk of miscommunication.

② Active listening

* Solution: Practice active listening by giving full attention to the speaker and providing feedback.

* Benefit: Enhances mutual ~~understanding~~ that all parties feel heard and valued.

③ Feedback Mechanisms

* Solution: Encourage feedback to confirm understanding. Ask question like, "Does this make sense?"

4

* Benefit: Identifies areas of confusion, to clarify the message.

2) Upward communication and Downward communication are two key directions of communication ~~flow~~ within an org organization. Here are the primary differences between them:

↳ Definition:

Upward communication: Information flows from subordinates to superiors.

Downward communication:

Information flows from superiors to subordinates.

JK

② Purpose:

Upward Communication:

~~Typically in~~ Facilitates employee input, feedback and reporting.

Downward communication:

Aims to direct or change in procedures.

③ Content:

Upward Communication:

Typically includes performance reports and employee suggestions.

Downward communication:

Includes job instruction and performance feedback.

②

Visual Communication:

Definition: Communication that relies on visual elements to convey message.

Mediums: Includes images, charts, graphs, ~~dis~~ diagrams, symbols, and written text.

Audio-Visual Communication:

Definition: A form of communication that uses both sound and visuals components to deliver a message.

Medium: Combines elements like videos, film

JK
~~It~~ Shows and
animation with voice overs.

4.

Group - C

Removing barriers to communication involves several strategies:

① Active Listening: Encourage active listening by summarizing and clarifying messages to ensure understanding.

② Opening Environment:

Foster an environment where individuals feel safe to express their thoughts and concerns without fear of judgment.

③ Clear Language: use

XII

Straightforward language and avoid jargon to ensure clarity especially in diverse groups.

④ Use of Technology: Leverage technology, such as messaging apps or video calls to enhance connectivity, especially in remote settings.

⑤ Training: Provide training in communication skills, including conflict and emotional intelligence.



② Writing a Project Report involves several key steps:

① Planning:

* Define Purpose: Determine the report's objectives and audience.

* Outline Structure: Create a clear outline including sections and conclusion.

② Drafting:

* Introduction: Introduce the project and its significance.

* Methodology: Describe approach and methods used for data collection and analysis.

③ Review and Edit:

* Revise for clarity, coherence and consistency.

* check for grammatical errors and ensure adherence to ~~the~~ formatting guidelines.



UNIVERSITY OF KALYANI

MAIN ANSWER-BOOK

DUMKAL COLLEGE

..... Add-on - Course Examination. 20

Subject Communicative English Paper Half / Group

INSTRUCTIONS

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No of supplementary answer sheets issued						
Signature of the Invigilator						

[Signature] Examiner's Signature Scrutineer's Signature Re-Examiner's Signature

Head Examiner / Coordinator's Signature



Signature of Invigilator
[Signature]
 Officer-in-Charge

..... MD. TINKU SHAIKA Examination, 20

Roll No. Reg. No. of 2018-19

Subject Paper Half/Group

Group - A

7. Ans → IPA is the name of full form -

I = International, P = phonetic, A = Alphabet.

1. Ans → Skimming and scanning are reading techniques that help you read more quickly and efficiently by using rapid eye movement and keywords:

Skimming,

used to get a general overview of a text by quickly reading it and picking out key words and sentences.

Scanning,

used to find specific facts in a text by quickly reading it line by line and looking for key words, dates, names, and numbers.

4. Ans → Nonverbal communication is body language, gestures, tone of voice, facial expressions, body ~~pressure~~ posture, etc. used for conveying information.

2. Ans → Body language plays a significant role in communication, helping to convey emotions and intentions that words alone may not be able to express.

3. Ans → Affix, a grammatical element that is combined with a word, stem, or phrase to produce derived or inflected forms. There are three main types of affix:

prefixes, infixes, and suffixes.

1.5

Group-B

5. Ans → Visual communication and audio-visual communication differ primarily in terms of the senses they engage and the mediums used.

i) Visual communication.

Definition: communication that relies on visual elements to convey messages.

Medium: including images, charts, graphs, diagrams, posters, symbols and written text.

Made of perception: Relies solely on sight.

purpose: useful for conveying data, structure or visual appeal.

Examples: Slide presentations, photographs, digital advertisements and written context.

ii) Audio-visual communication,

Definition: A form of communication that uses both sound and visual components and written context to deliver a message.

Mode of perception: Engages both sight and hearing.

Examples: Television broadcasts, YouTube videos, educational tutorials. (4)

3. Ans → Upward communication and downward communication are two key directions of communication flow within an organization.

Definition: upward communication: information flows from subordinates to

UK

superiors: suggestions, issue, or concerns to higher management.

purpose: upward communication: facilitates employee input, feedback, and reporting.

context: upward communication: often more formal and instructions work expectations and performance feedback.

nature: upward communication: often more formal and structured, as subordinates may be cautious in conveying information to superiors.

Examples: ~~Upward communication~~: Employee surveys, suggestion boxes, status reports, or one-on-one meetings.

(4)

2. Ans → Effective communication involves several key components that ensure the message is accurately ~~seen~~ received, understood, and appropriately acted upon.

Clarity: The message should be clear, concise, and free ambiguity.

Active listening: Actively paying attention to the speaker, ~~providing~~ providing feedback and avoiding distractions.

Empathy: Understanding the emotions and perspectives of the other person helps to connect better and communicate in a more personalized manner.

Feedback: providing ~~constructive~~ constructive feedback ensures that communication is a two-way process.

confidence: Delivering a message assertively and confidently helps convey credibility and trustworthiness.

Being open to different viewpoints and willing to adapt the message based on feedback is crucial for effective communication.

4

1. Answer the primary difference between intensive and extensive reading lies in their purpose, approach and level of engagement with the text:

Intensive Reading: Purpose: To gain a deeper understanding of the text.

Approach: Focuses on closely analyzing a short passage or text.

pace: Slow and deliberate, often involving repeated readings.

Goal: To enhance language skills, comprehension, and critical thinking.

Extensive Reading: purpose: To read for general understanding and pleasure.

Use: often employed for recreational reading or gaining background knowledge.

5. Ans → Barriers to communication can hinder effective exchange of ideas, reduce productivity, and lead to misunderstandings.

Clarity and Simplicity of Message -

Solution: Use clear, concise, and straightforward language.

Benefic: Makes the message easier to understand, reducing the risk of miscommunication.

Active listening:

Solution: practice active listening by giving full attention.

Feedback Mechanism:

Solution: Encourage feedback to confirm understanding.

Adapt communication to the Audience:

Benefit: Reduce the potential for misinterpretation and increases the relevance of the message.

Each of these categories is defined by a different mode of generating and controlling airflow.

2. ~~Among~~ The pulmonic air stream mechanism is the most common type used in human languages and ~~the~~ is responsible for producing the majority of speech sounds.

~~For~~ Direction: Typically, the airflow is egressive, ~~or~~ creating sounds when it is modified by various and volume.

Usage: All vowels and a vast majority of consonants in world languages

are produced using this mechanism:

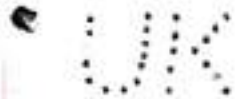
Glottalic Air-stream Mechanism:

The glottalic air-stream mechanism relies on the movement of the glottis.

Implosive sounds: In contrast, implosives are produced by lowering the glottis.

The glottic mechanism is less common than the pulmonic.





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Sl. No. SPL/M/22-23/

3226008

UNIVERSITY OF KALYANI

MAIN ANSWER-BOOK

DUMKAL COLLEGE

Add-on-Course Examination. 20

Subject Communicative English Paper Half / Group

INSTRUCTIONS

(must be read carefully by the examinees)

- Answer must be written on both side of the pages of the book. **(EXCEPT BACK SIDE OF THE FRONT PAGE)**
- To avoid misuse of the papers, the examinees should write at least 15 lines in each page of the blank answer scripts.
- Carrying of Mobile phones, Bluetooth & Wifi Devices etc. in the Examination Center/Hall is strictly prohibited.**
- A few pages of the book may be used for rough work or notes of calculations. They should be penned through afterwards. Nothing must be written on the question paper or blotting papers.
- Candidates must make over unauthorised books and papers before the examination commences.
- Candidates must remain seated until the answer-book is collected by the Invigilator. Those using supplementary answer sheets must get them stitched to the main answer-book before leaving the Hall.
- Candidates using supplementary answer sheets must get them entered and signed by the Invigilator for each instalment in the cage provided below.
- Pocket calculators not having memory safeguard facility may be used for calculation purpose.
- As per the University Regulations all answer scripts will be preserved for six months from the date of publication of results.**

No of supplementary answer sheets issued						
Signature of the Invigilator						

Questions No.	Marks
Total	

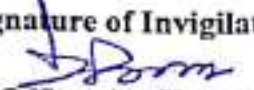

Examiner's Signature

Scrutineer's Signature

Re-Examiner's Signature

Head Examiner / Coordinator's Signature



Signature of Invigilator

Officer-in-Charge

JUEL MONDAL Examination, 20

Roll No. Reg. No. of 2018-19

Subject Paper Half/Group

Scanning: Group-A

1. This is a reading technique used to locate specific information quickly. Instead of reading everything, the reader runs their eyes over the text to find keywords, numbers, or specific details.

Skimming: This involves quickly glancing through a text to get a general idea of the content or main points. The goal is not to understand detail but to grasp the overall message or structure.

3. Affixes: Affixes are elements added to a word to change its meaning or grammatical function. They can be attached to the beginning, middle, or end of a root word. ~~These are~~

17. Non-verbal communication involves conveying messages without the use of words. Examples include body language, eye contact, gestures, facial expressions, proxemics, touch etc.

6. In English there are three primary nasal sounds in English and they are all consonants.

(a) m

(b) n

(c) ŋ



7. The Full form of IPA is ~~the~~ International Phonetic Alphabet.

It is a system of symbols used to represent the sounds of spoken languages. It was developed to provide a consistent way to transcribe the pronunciation of words across different languages, regardless of spelling differences.

GROUP - B

1. The difference between intensive reading and extensive reading lies in their purpose, approach and the type of material used.

(a) Intensive reading:

• purpose: focus on gaining a deep understanding of the text

• Material: shorter, more complex text

• Approach: Careful detailed reading with attention to grammar.

• Goal: To improve writing skills.

(b) Extensive reading:

• Purpose: Aiming at improving reading fluency and overall language comprehension.

• Materials, longer, easier, text like novels, magazines etc.

• Approach: Reading for gist

• understanding and enjoyment without focusing on every word or detail.

• Pace: Faster and more fluid often covering large amounts of materials.

In short, intensive reading focuses on depth. While extensive reading focuses on breadth.

2. The key component of public speaking include several element that contribute to effective communication. these are:

(a) Content: The information or message you are delivering. This include well organized ideas or clear argument and stories and examples.

(b) Structure: How the speech is organized, including an introduction, body and conclusion. A logical flow ensures the audience can easily follow and understand the message.

(c) Audience Awareness: How the speaker presents the speech including tone of voice, pacing, volume, and clarity.

(d) Body language: non-verbal communication, such as gestures, posture, facial expressions and

eye contact. These contribute to how the message is received and perceived by an audience.

③ Confidence: Demonstrating self-assurance and poise in front of the audience.

④ Confidence helps to build trust and credibility.

3. The key difference between upward and downward communication

Aspect	upward communication	Downward communication
Direction	Flows from lower levels to higher levels	Flows from higher level to lower level.
purpose	To provide feedback, share ideas, report problem.	To give instructions, communicate decisions.
examples	Employee feedback, progress report, incident report.	Company memos, work assignment, policy announcement.

aspect	upward communication	Downward communication
Initiation	Usually initiated by employee.	Typically initiated by manager.
Role in decision making	Aids in decision making by providing manager with information from lower level decisions.	Informs and directs employees based on management decisions.

4.5

3. Phonetics and phonology - are two branches of linguistics that deal with sounds in human language but they focus on different aspects. Here's a breakdown of their distinctions.

Aspect	Phonetics	Phonology
Definition	The study of the physical properties of speech sounds.	The study of how sounds function and are organized in a particular language.

Aspect	Phonetics	Phonology
Focus	Concerned with how articulation, transmission and perception of sounds.	Concerned with the abstract cognitive aspects of sounds and their patterns in language.
Components	Includes articulatory phonetics; acoustic phonetics.	Includes phonemes and syllable structure.
Units of Study	Examines individual sounds, their physical properties.	Examines sound patterns, rules governing sound combination.
Methods	Uses tools like spectrograms and acoustic analysis to analyze sound waves.	Uses frameworks like distinctive feature analysis and phonological rules.
Examples	Studying how the sound /p/ is produced and perceived in various languages.	Examining why certain sounds can appear together in a word in English but not in another language.



1. The structure of the English language at the phonetic level involves the study of sounds, their articulation and how they combine to form meaningful units. Here's an overview of the key components.

(a) Phonemes: Phonemes are the smallest units of sound that can distinguish meaning in a language. In English, there are approximately 44 phonemes which can be categorized into two main types:

- Consonant phonemes: These are produced with some degree of constriction or closure in the vocal tract. Examples include /b/, /d/, /g/, /v/, /z/.

- Vowel phonemes: These are produced without significant constriction and are typically voiced.



Group A

Affixes: - Affixes are linguistic elements attached to a root or base ~~word~~ to modify its meaning or grammatical function. There are three main types of affixes:

- ① Prefix: Added to the beginning of a word.
- ② Suffix: Added to the end of a word.
- ③ Infix: inserted within a word though rare in English.

Body language plays a crucial role in effective communication by conveying emotion, attitude and intention non verbally. It complements verbal non-verbal. It helps build rapport, clarify meaning and express confidence or uncertainty, often influence ~~or uncertainty~~ of how a message is received. ~~Interpreted.~~

4.

Non-verbal communication
some examples are -

i) Body language: - crossing
to indicate defensiveness
leaning forward to show
interest.

ii) eye contact: - Direct
contact can indicate con-
fidence or interest. While
avoiding eye contact might
suggest discomfort or shy-
ness.

7

IPA: - IPA stands for the
international phonetic Alphabet
a standardized system of
symbols used to represent
the sound of spoken language.
It was created by linguists
to accurately depict the
pronunciation of words
across different languages.

Example, the word 'car' in IPA
is represented as /kɑːr/.

A diphthong is a single vowel sound that glides between ~~two~~ distinct vowel sounds within the same syllable. -

In contrast, a consonant cluster is a group of two or more consonants pronounced together without any intervening vowel.



Group - c

2. The air stream mechanism refers to the process by which air is moved and controlled during speech production, breathing or other activities involving airflow. In phonetics, the air stream mechanism plays a key role in generating sound, and there are three main types of air stream mechanisms used for

producing speech:


(i) pulmonic egressive -

this is the ~~most~~ common mechanism in human speech. Air is pushed out ~~at~~ the lungs through the vocal tract.

(ii) glottalic: Air is compressed in the vocal tract about the glottis and the compressed air is released to produce sound.

(iii) velaric: The airstream is tapping air between the tongue and the roof of the mouth and then releasing it.

Velaric are commonly found in some African languages, such as Zulu and Xhosa.

These mechanisms work by manipulating air pressure, airflow direction, and the interaction between the respiratory system and the vocal tract to create various speech sounds. 

5) Barriers to communication can be removed through several strategies that improve clarity, understanding, and effectiveness in both verbal and nonverbal interactions. Here are five key ways to remove these barriers:

a) Active Listening:- Encourage listening attentively to help understand the speaker's message. Avoid interrupting or ensuring feedback to clarify points.

iii) clear and concise messages
Communicate messages
simple direct language, avoid
jargon, ambiguity, or over
complex terms that might
confuse the receiver.

iv) Feedback and Clarity
Encourage open feedback
to ensure the message
understood correctly. Ask
questions and per phrase
to confirm mutual understanding.

v) Cultural sensitivity: -
Be aware of cultural differences in communication
styles, body language, and
meanings. respects cultural
norms to prevent misunderstandings.

vi) Minimizing Noise and Distractions: - create an
environment conducive to

communication by reducing physical distraction, background noise, and other interruptions that can hinder message delivery.

By applying these strategies communication barriers like misinterpretation, language differences, or environmental distraction can be effectively reduced.

Group-B

Effective communication involves several components that ensure the flow. Within an organization, there are the primary differences between them.

a) Definition: - a) upward communication information; information flows from subordinates to superior, employees communicate their feedback suggestion issue

or concerns to higher management.

(ii) Downward communication

Information flows from superiors to subordinates. Managers communicate instructions, goals, and feedback to lower-level employees.

(b) Purpose:-

Upward communication facilitates employee in providing feedback and reporting. It helps management understand the problems, morale and suggestions of employees.

Downward communication aims to direct, instruct or inform subordinates about their tasks, organizational goals or charts, in procedure.

① Ex-mples :-

UPWARD - communication em-
ployee surveys, suggestion
boxes status report or re-
port on meeting. 2

DOWNWARD - communication
memos news letters, perfor-
mance appraisals policy
manuals or departmental
meetings.

Effective communication involves
several key components that
ensure the message is
accurately received, understood,
and appropriately acted upon.
The components include -

① Clarity: the message
should be clear concise and
free from ambiguity. Avoid
jargon or complex language
that could confuse the
receiver.

⑧ Non-verbal communication
Body language facial expressions, gestures, and tone of voice play a critical role in conveying emotions and intention.

⑨ Empathy:- understanding the emotion of another person helps to connect better communicate in a more personalized manner.

When these components are combined communication becomes more effective leading to better understanding collaboration and relationships.

① To primarily difference between intensive and extensive reading lies in their purpose,

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a) approach, and level of enjoyment with the text

i) Purpose: to gain a deeper understanding to the text.

ii) Approach: focuses on closely analysing a short passage on text

iii) Emphasis: involves examining details such as vocabulary or grammar and structure

iv) Pace: slow and deliberate often involving repeated reading.

v) Goal: to enhance language skills

vi) Use: and comprehension and critical thinking

MT typically used for academic purposes language learning or in depth study.

⑤ Visual communication and Audio visual communication differ primarily in terms of the sense they engage and the

mediums used.

(i) Visual communication - communication that relies on visual element to convey message.

includes images charts graphs diagrams posters symbols in infographic or written text.

(ii) Audio visual communication - A form of communication that uses both sound and visual components to deliver message.

combines element in videos film TV shows podcasts with visuals. webinars and animation with voiceovers.

(2)

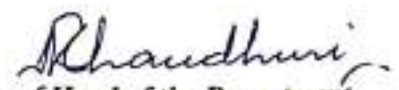
Dumkal College
Department of English

Programme: Add On Course Subject: Communicative English
Session: 2018-2019 Date of Final Examinations – 27/03/2019
Full Marks: 50 Time: 2 Hours

Award List

Sl. No.	Name	Marks Obtained	Remarks
01	Tania Sultana	28	
02	Arifa Sultana	27	
03	Mahafuja parvin	24	
04	Prasanta Das Bairagya	22	
05	Shreena Khatun	23	
06	Sumi Sabnam	24	
07	Merina Khatun	24	
08	Ruhul Amin	28	
09	Bratati Chakraborty	40	2 nd
10	Koyes Ali	31	
11	Israail Shaikh	30	
12	Chumki Halder	28	
13	Rukaiya Khatun	41	1 st
14	Shilpi Khatun	27	
15	Umme Mafuja	30	
16	Barnali Mondal	26	
17	Jayanta Mondal	26	
18	Samuel Rasel	AB	
19	Morjina Khatun	24	
20	Billal Hossain	29	
21	Sakil Anoar	31	
22	Golam Mortuja	30	
23	Sairul Islam	29	
24	Kamal Hossain	28	
25	Kamal Hasan	27	
26	Somaiya Sarmin	26	
27	Sahin Molla	24	
28	Sadikul Islam	25	
29	Rasel Mondal	26	
30	Arifa Pervin	25	
31	Manowar Hossain	24	
32	Rasel Mondal (2)	AB	
33	Rakibul Sk	29	
34	Naim Mondal	31	
35	Rafijul Mondal	30	
36	Bapi Mondal	30	
37	Monirul Islam	28	
38	Md Tinku Shaikh	39	3 rd
39	Tania Khatun	27	
40	Suman Sarwar	28	
41	Sofikul Ansary	29	
42	Juel Mondal	33	
43	Agamani Saha	30	
44	Manjirul Islam	32	


Signature of Examiner


Signature of Head of the Department
Head of the Department
Dept. of English
Dumkal College, Murshidabad

Statistical Data Analysis using MS Excel - session-2018-2019

Sl. No.	Student Id.	Name	Subject	Signature
1	DCB2018888	ILA ISLAM IRANI	Geography	Ila Islam Irani
2	DCB20181590	CHAITALI HALDER	Geography	Chaitali Halder
3	DCB20182596	BARNALI MONDAL	Geography	Barnali Mondal
4	DCB2018655	AZIZA KHATUN	Geography	Aziza Khatun
5	DCB2018446	ASHA KHATUN	Geography	Asha Khatun
6	DCB2018326	ANUSHRI MAJUMDER	Geography	Anushri Majumder
7	DCB2018282	ANANYA CHATTERJEE	Geography	Ananya Chatterjee
8	DCB2018391	AFSONA KHATUN	Geography	Afsona Khatun
9	DCB2018819	JESMINA KHATUN	Geography	Jesmina Khatun
10	DCB2018111	HAFIJA KHATUN	Geography	Hafiza Khatun
11	DCB2018355	SARMIN NAHAR SARDAR	Geography	Sarminahar Sardar
12	DCB201802	FAHIM HASAN	Geography	Fahim Hasan
13	DCB2018291	BIKRAMADITYA GHOSH	Geography	Bikramaditya Ghosh
14	DCB2018713	ARIFUL ISLAM	Geography	Ariful Islam
15	DCB20181112	ANIMESH HALDER	Geography	Animesh Halder
16	DCB2018213	ALOK KUMAR HALDER	Geography	Alok Kumar Halder
17	DCB2018430	SUNINDITA HALDER	Geography	Sunindita Halder
18	DCB20182254	SUMI MANDAL	Geography	Sumi Mandal
19	DCB2018493	ISTIHAD BISWAS	Geography	Istihad Biswas
20	DCB20181181	SIMA KHATUN	Geography	Sima Khatun
21	DCB2018236	KAIJAR AHAMED	Geography	Kaijar Ahamed
22	DCB20181795	SANCHITA MONDAL	Geography	Sanchita Mondal
23	DCB2018866	SAFIA KHATUN	Geography	Safia Khatun
24	DCB2018376	SADEKUNNESHA KHATUN	Geography	Sadekunnesh Khatun
25	DCB20181262	RIYA MANDAL	Geography	Riya Mandal
26	DCB2018736	RAHELA KHATUN	Geography	Rahela Khatun
27	DCB2018591	NASRIN PARVIN	Geography	Nasrin Parvin
28	DCB20181312	NAJNIN SULTANA	Geography	Najnin Sultana
29	DCB2018510	MIMMA KHATUN	Geography	Mimma Khatun
30	DCB20181023	JYOTI HALDER	Geography	Jyoti Halder
31	DCB201880	SUMAYIA PARVIN	Geography	Sumayia Parvin
32	DCB2018359	SHUBHAM SAHA	Geography	Shubham Saha
33	DCB20181394	WASH KARNI SEKH	Geography	Wash Karni Sekh
34	DCB20181603	USIR MONDAL	Geography	Usir Mondal
35	DCB20181853	TAUHID SK	Geography	Tauhid SK
36	DCB201888	TAJMUL HOQUE	Geography	Tajmul Hoque

Department of
Dumai College
Dumai, W.B.

J.M.
Principal
Date: 10
Page: 4

Value-added Course Classes Attendance Sheet
Department of Mathematics
Dumkal College



Course Name: Statistical Data Analysis using MS Excel

Session: 2018-19

Sl. No.	Name	LP	BS	RMB	L	BS	LP	RMB	BS	BS	ms	L	LP	BS	L	ms	BS
		07/03/19	08/03/19	09/03/19	11/03/19	12/03/19	13/03/19	14/03/19	15/03/19	16/03/19	18/03/19	19/03/19	20/03/19	21/03/19	25/03/19	27/03/19	29/03/19
1.	ILA ISLAM IRANI	P	.	P	P	P	.	P	.	P	.	P	.	P	.	P	.
2.	CHAITALI HALDER	P	.	P	P	P	.	P	.	P	.	P	.	P	.	P	.
3.	BARNALI MONDAL	P	P	.	P	P	.	P	P	.	P	.	P	.	P	.	P
4.	AZIZA KHATUN	P	.	P	P	P	.	P	P	.	P	P	.	P	.	P	P
5.	ASHA KHATUN	P	.	P	P	P	.	P	P	.	P	P	.	P	.	P	P
6.	ANUSHRI MAJUMDER	.	P	P	P	P	.	P	P	.	P	P	.	P	.	P	P
7.	ANANYA CHATTERJEE	P	P	P	P	P	.	P	P	.	P	P	.	P	.	P	P
8.	AFSONA KHATUN	P	.	P	P	P	.	P	P	.	P	P	.	P	.	P	P
9.	JESMINA KHATUN	P	.	P	P	.	P	.	P	.	P	P	.	P	.	P	P
10.	HAFIJA KHATUN	.	P	P	.	.	P	P	.	P	.	P	P	.	P	.	P
11.	SARMIN NAHAR SARDAR	P	.	P	P	P	.	P	P	.	P	P	.	P	.	P	P
12.	FAHIM HASAN	P	.	P	P	.	P	P	.	P	.	P	P	.	P	.	P
13.	BIKRAMADITYA GHOSH	P	P	.	P	.	P	P	.	P	.	P	P	.	P	.	P
14.	ARIFUL ISLAM	P	P	P	.	P	.	P	P	.	P	P	.	P	.	P	P
15.	ANIMESH HALDER	.	P	P	P	.	P	P	.	P	.	P	P	.	P	.	P
16.	ALOK KUMAR HALDER	P	P	.	P	P	.	P	P	.	P	P	.	P	.	P	P
17.	SUNINDITA HALDER	P	P	P	P	P	.	P	P	.	P	P	.	P	.	P	P
18.	SUMI MANDAL	P	P	P	.	P	.	P	P	.	P	P	.	P	.	P	P
19.	ISTIHAD BISWAS	P	P	P	P	P	.	P	P	.	P	P	.	P	.	P	P
20.	SIMA KHATUN	.	P	P	P	P	.	P	P	.	P	P	.	P	.	P	P
21.	KAIJAR AHAMED	P	P	P	P	P	.	P	P	.	P	P	.	P	.	P	P
22.	SANCHITA MONDAL	P	P	P	P	P	.	P	P	.	P	P	.	P	.	P	P
23.	SAFIA KHATUN	P	P	.	.	P	.	P	P	.	P	P	.	P	.	P	P

Principal
Dumkal College
Basantapur, Murshidabad

Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, 721102

Value-added Course Classes Attendance Sheet
Department of Mathematics
Dumkal College



Course Name: Statistical Data Analysis using MS Excel

Session: 2018-19

24.	SADEKUNNESA KHATUN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P				
25.	RIYA MANDAL	.	P	P	P	P	.	.	P	.	.	P	P	P	P	P	.	.	P	
26.	RAHELA KHATUN	P	P	.	P	P	P	P	.	P	.	.	.	P	.	P	.	.	P	
27.	NASRIN PARVIN	.	P	P	.	.	.	P	.	P	P	P	P	P	P	P	.	.	P	
28.	NAJIN SULTANA	P	.	.	P	P	.	.	.	.	.	P	P	P	P	P	P	P	P	
29.	MIMMA KHATUN	P	.	P	.	P	P	.	.	.	.	P	P	P	P	P	P	P	P	
30.	JYOTI HALDER	.	.	P	P	P	P	.	.	P	P	.	P	P	P	P	P	P	P	
31.	SUMAYIA PARVIN	P	.	.	P	P	.	.	P	P	.	P	P	P	P	P	P	P	P	
32.	SHUBHAM SAHA	P	P	P	.	P	P	P	.	P	P	P	P	P	P	P	P	P	P	
33.	WASH KARNI SEKH	P	.	P	P	.	P	P	.	.	.	P	P	P	P	P	P	P	P	
34.	UJIR MONDAL	P	.	.	P	P	.	P	P	.	P	P	P	P	P	P	P	P	P	
35.	TAUHID SK	P	P	P	.	.	P	P	.	P	P	.	P	P	P	P	P	P	P	
36.	TAJMUL HOQUE	.	P	P	P	P	P	P	.	P	P	P	P	P	P	P	P	P	P	


Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.


Head, Department of
Mathematics, Dumkal College
Masantaour, Murshidabad



4G3P+G5P, Ramna Etbarnagar
Basantapur, West Bengal 742303,
India

25 Mar 2019 03:22 pm



Google



Dumkal College
Department of Mathematics

Value-Added Course Title: Statistical Data Analysis using MS Excel

Session: 2018-2019

Syllabus

I Introduction to Statistical Data Analysis

- **Overview of Statistics**
 - Definition and importance of statistical analysis
 - Types of data: Quantitative vs. Qualitative
 - Measures of central tendency: Mean, Median, Mode
 - Measures of variability: Range, Variance, Standard Deviation
- **Introduction to Probability**
 - Basic probability concepts and rules
 - Probability distributions: Normal, Binomial, etc.
- **Sampling Techniques**
 - Types of sampling: Random, Stratified, Cluster
 - Importance of sample size in data analysis

2 Basics of Microsoft Excel for Data Analysis

- **Introduction to Microsoft Excel**
 - Overview of Excel interface and functionalities
 - Basic Excel operations: Data input, formatting, and manipulation
- **Excel Formulas and Functions for Data Analysis**
 - Common statistical functions: AVERAGE, MEDIAN, MODE, COUNT, STDEV
 - Using conditional formulas: IF, SUMIF, COUNTIF
- **Data Sorting and Filtering**
 - Sorting data: By columns, custom sorting
 - Filtering data: Applying filters, using advanced filters

3 Data Entry

- **Understanding Data Entry in Excel**
 - Best practices for data entry: Avoiding errors, consistency
 - Data validation: Setting rules for data entry
- **Handling Missing or Incomplete Data**
 - Methods for dealing with missing data
 - Data cleaning techniques: Removing duplicates, correcting errors
- **Organizing Data**
 - Structuring data tables: Proper use of headers and rows
 - Converting text to columns and managing datasets

4 Data Visualization

- **Introduction to Data Visualization**
 - Importance of data visualization in analysis
 - Types of charts and graphs: Line, Bar, Pie, Scatter, etc.
- **Creating Charts in Excel**
 - Inserting and customizing charts
 - Formatting charts: Labels, legends, titles, colors
 - Best practices for effective data visualization

5 Practical Applications

Real-life examples of statistical data analysis using Excel

[Signature]
Principal
Dumkal College
Basantapur, Murshidabad

[Signature]
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.



Dumkal College
Department of Mathematics

Value-Added Course Title: Statistical Data Analysis using MS Excel

Session: 2018-2019

Course Duration: 30 Hours

Timings: 2 pm - 4 pm

Daily Session Duration: 2 Hours

Time Table

Sl. No.	Date	Day	Time	Venue
1	07.03.2019	Thursday	2 pm - 4 pm	Department of Mathematics
2	08.03.2019	Friday	2 pm - 4 pm	Department of Mathematics
3	09.03.2019	Saturday	2 pm - 4 pm	Department of Mathematics
4	11.03.2019	Monday	2 pm - 4 pm	Department of Mathematics
5	12.03.2019	Tuesday	2 pm - 4 pm	Department of Mathematics
6	13.03.2019	Wednesday	2 pm - 4 pm	Department of Mathematics
7	14.03.2019	Thursday	2 pm - 4 pm	Department of Mathematics
8	15.03.2019	Friday	2 pm - 4 pm	Department of Mathematics
9	16.03.2019	Saturday	2 pm - 4 pm	Department of Mathematics
10	18.03.2019	Monday	2 pm - 4 pm	Department of Mathematics
11	19.03.2019	Tuesday	2 pm - 4 pm	Department of Mathematics
12	21.03.2019	Thursday	2 pm - 4 pm	Department of Mathematics
13	22.03.2019	Friday	2 pm - 4 pm	Department of Mathematics
14	25.03.2019	Monday	2 pm - 4 pm	Department of Mathematics
15	27.03.2019	Wednesday	2 pm - 4 pm	Department of Mathematics

P.M.
Principal
Dumkal College
Basantapur, Murshidabad

R.
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.



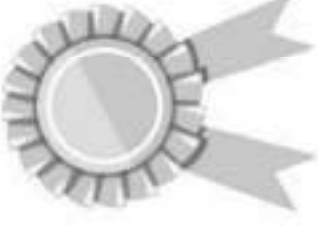
CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

SUMI MANDAL

has completed the add-on course/value-added course on "Statistical Data Analysis using MS Excel" organized by the Department of Mathematics, Dumkal College, Murshidabad during theacademic year. **2018-2019**

The course covered the fundamentals of statistical data analysis and its application using Microsoft Excel.


Md. Syedurrahman

Head, Department of
Mathematics

D. My

Principal, Dumkal College



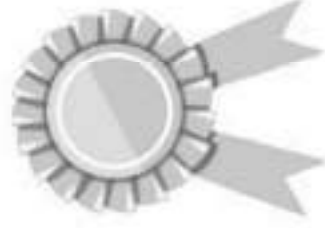
CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

FAHIM HASAN

has completed the add-on course/value-added course on "Statistical Data Analysis using MS Excel" organized by the Department of Mathematics, Dumkal College, Murshidabad during theacademic year. **2018-2019**

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Md. Syedurrahman

Head, Department of
Mathematics

D. M. W.

Principal, Dumkal College



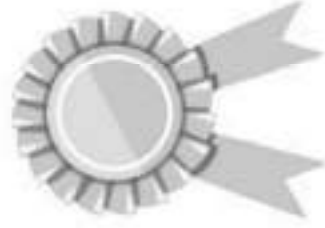
CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

ANUSHRI MAJUMDER

has completed the add-on course/value-added course on "Statistical Data Analysis using MS Excel" organized by the Department of Mathematics, Dumkal College, Murshidabad during the2018-2019.....academic year.

The course covered the fundamentals of statistical data analysis and its application using Microsoft Excel.



Mel. Bydarathi

Head, Department of
Mathematics

D. M. J.

Principal, Dumkal College



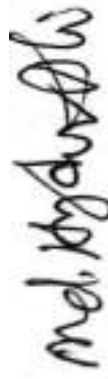
CERTIFICATE OF COMPLETION

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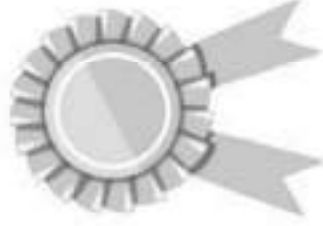
ASHA KHATUN

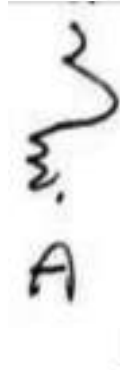
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Head, Department of
Mathematics





Principal, Dumkal College



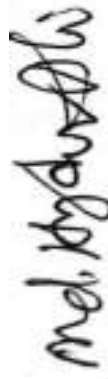
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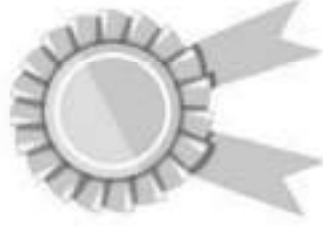
AZIZA KHATUN

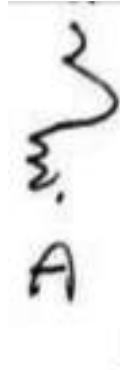
has completed the add-on course/value-added course on "Statistical Data Analysis using MS Excel" organized by the Department of Mathematics, Dumkal College, Murshidabad during theacademic year. **2018-2019**

The course covered the fundamentals of statistical data analysis and its application using Microsoft Excel.



Head, Department of
Mathematics





Principal, Dumkal College

10/10



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2018-2019

Full Marks: 10

Time: 30 Min.

Name: Sumi Mandal

Student ID: DCB20182254

1. What is the main goal of statistical analysis?

- a) To summarize large datasets
- b) To interpret and make decisions based on data
- c) To collect raw data
- d) To enter data into Excel



2. Quantitative data refers to data that is:

- a) Descriptive in nature
- b) Numerical and measurable
- c) Categorical
- d) Subjective



3. Which measure of central tendency represents the most frequently occurring value in a dataset?

- a) Mean
- b) Median
- c) Mode
- d) Range



4. What is the formula for calculating variance?

- a) Sum of values divided by the number of observations
- b) Square root of standard deviation
- c) Average of squared differences from the mean
- d) Product of all values in the dataset



5. In probability, which distribution is used to model the number of successes in a fixed number of independent trials?

- a) Normal distribution
- b) Binomial distribution
- c) Uniform distribution
- d) Exponential distribution



K. D. M.
Principal
Dumkal College
Basantapur, Murshidabad

[Signature]
Head, Department of
Mathematics
Dumkal College



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"

Session: 2018-2019

Full Marks: 10

Time: 30 Min.

Name.....

Student ID.....

6. Which type of sampling ensures every individual in the population has an equal chance of being selected?

- a) Cluster sampling
- b) Stratified sampling
- c) Random sampling
- d) Systematic sampling



7. What is the purpose of the AVERAGE function in Excel?

- a) To find the most common number in a range
- b) To sum all values
- c) To calculate the mean of a range
- d) To calculate the product of a range



8. Which Excel function is used to conditionally sum a range based on specific criteria?

- a) IF
- b) SUM
- c) SUMIF
- d) COUNTIF



9. What is the best practice for entering data into Excel to avoid errors?

- a) Enter all data in one column
- b) Avoid using formulas
- c) Maintain consistency in data formats
- d) Use multiple sheets for the same dataset



10. Which type of chart is best suited to show parts of a whole in Excel?

- a) Line chart
- b) Pie chart
- c) Bar chart
- d) Scatter plot



....

H.D.M.
Principal
Dumkal College
Basantapur, Murshidabad

[Signature]
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.

10
10



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"

Session: 2018-2019

Full Marks: 10

Time: 30 Min.

Name: Fahim Hasan

Student ID: DCL 201802

1. What is the main goal of statistical analysis?

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- b) To interpret and make decisions based on data
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- d) Exponential distribution



L.D.M.
Principal
Dumkal College
Basantapur, Murshidabad

[Signature]
Head, Department of
Mathematics, Dumkal College



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2018-2019

Full Marks: 10

Time: 30 Min.

Name.....

Student ID.....

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....

L.D.M.
Principal
Dumkal College
Basantapur, Murshidabad

[Signature]
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad

10/10



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2018-2019

Full Marks: 10

Time: 30 Min.

Name Anushri Majumder

Student ID DCB 2018326

1. What is the main goal of statistical analysis?

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[Handwritten signature]
Principal
Dumkal College
Basantapur, Murshidabad

[Handwritten signature]
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, WB



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2018-2019

Full Marks: 10

Time: 30 Min.

Name.....

Student ID.....

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....

[Signature]
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.

[Signature]
Principal
Dumkal College
Basantapur, Murshidabad

10
10



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2018-2019

Full Marks: 10

Time: 30 Min.

Name Asha Khatun

Student ID DCB2018446

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L.D.M.
Principal
Dumkal College
Basantapur, Murshidabad

A
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2018-2019

Full Marks: 10

Time: 30 Min.

Name.....

Student ID.....

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....

[Signature]
Principal
Dumkal College
Basantapur, Murshidabad

[Signature]
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.
Date: _____
Signature: _____

10
10



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2018-2019

Full Marks: 10

Time: 30 Min.

Name: Aziza Khatun

Student ID: DCB 2018 659

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Basantapur, Murshidabad


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Mathematics, Dumkal College
Dumkal, Murshidabad, W.B



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
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In testimony of truth
Head, Department of
Mathematics, Dumkal College
Basantapur, Murshidabad
Principal
Dumkal College
Basantapur, Murshidabad

Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.



9153549620

dumkalcollege@gmail.com

DUMKAL COLLEGE

P.O-Basantapur, P.S-Dumkal, Dist.-Murshidabad, West Bengal, PIN-742406

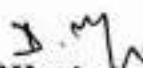
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Department of Commerce

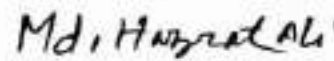
Add on course in- "Basics of Income Tax"

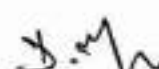
Date: 19/09/2019 to 26/09/2019

Sl No.	Signature of Participants
1	Sujauddin Mondal
2	Barasri Sarkar
3	Nayan SK
4	Din Mohammad
5	Saurav Mandal
6	Amiya Mandal
7	Rocky Sarkar
8	Nisha Pal
9	Sumon Barua

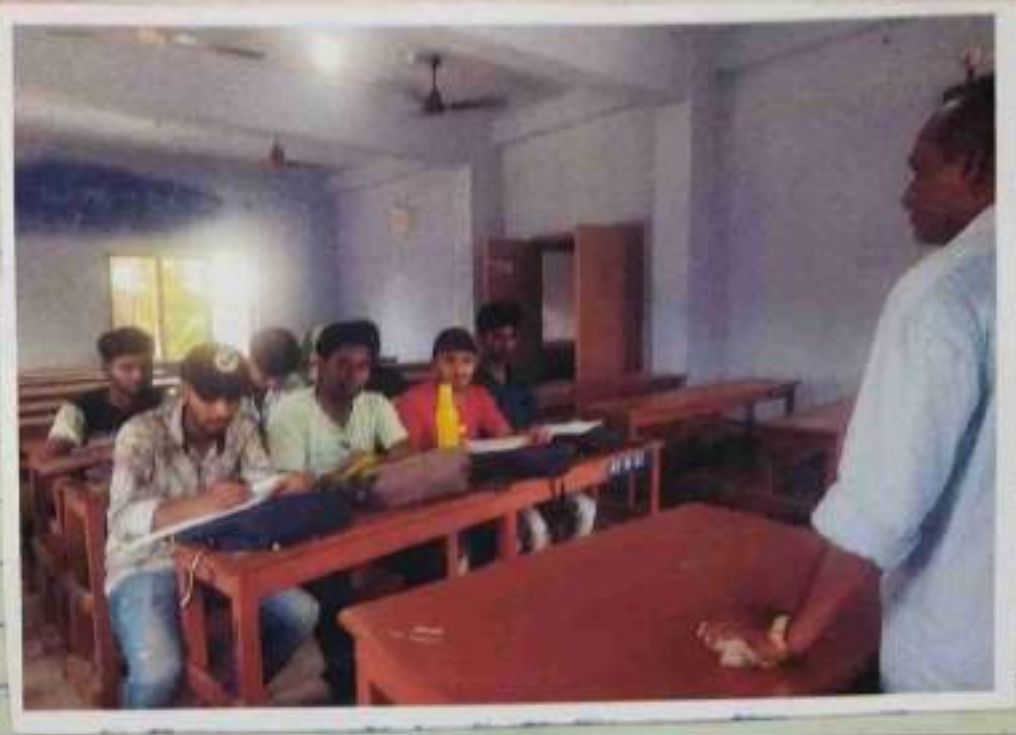

Signature of Head of the Department
Head of the Department
Dept of Commerce
Dumkal College, Murshidabad

Speaker's Signature


Md. Habibat Ali
Debasish Bandyopadhyay


Signature of Principal

Principal
Dumkal College, Basantapur
Dumkal, Murshidabad



Debasish Sanyal
Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad



9153549620

dumkalcollege@gmail.com

DUMKALCOLLEGE

P.O-Basantapur, P.S-Dumkal, Dist.-Murshidabad, West Bengal, PIN-742406

(Govt.Aided, Affiliated to the: University of Kalyani Included under section 2(f) & 12 (B) of UGC Act.)

DEPARTMENT OF COMMERCE

Title of Add-on-Course: Basics of Income Tax

Course Overview:

The course intends to impart knowledge on the practical aspects direct taxes to fulfill the needs of all types of taxpayers. It provides basic theoretical knowledge on the taxation provisions as per Income Tax Acts, 1961 (as per latest amendment) It also provides a practical orientation of computation of income under different heads of income along with the process of filing of return to the appropriation portal with the help of open sources software provided by the Government. At the same time the course also intends to provide assistance for proper tax planning and tax avoidance with the help of computing tools and also discourage tax evasion practices by the taxpayers.

Course Duration:

7 days (30 hours)

Course Objectives:

This Course will help a student to understand the prominence of e-filing of the income tax returns by disclosing the accurate taxable income or loss which will lead to a becoming of a responsible Indian Taxpayer.

Syllabus:

Lesson 1: Introduction to Income Tax

Residential Status of an Individual/HUF/Firm

Incidence of Tax

ASSIGNMENT

Lesson 2: Incomes exempt u/s 10, Heads of Income

Computation of Income from Salaries- Allowances, Perquisites (Taxable & non- taxable), Retirement Benefits (Pension, Gratuity & Leave Encashment), Provident Funds.

ASSIGNMENT

Lesson 3: Computation of Income from House Property (Self occupied/ Let out) - Deduction u/s 24a and 24b

Computation of Income from Capital Gain (Short term and long term) - Deduction u/s 54

ASSIGNMENT

Lesson 4: Computation of Income from other sources. Taxation of gifts.

Provision of raising / repayment of unsecured loan.

Deduction under Chapter VI (Sec 80C, 80CCD, 80D, 80DD, 80DDB, 80GG, 80G)

ASSIGNMENT

Lesson 5: Computation of tax (Normal & Special Rate of Tax) - Tax at old regime and ax at new regime

Rebate u/s 87A, Relief u/s 89

Clubbing of income (basic concept), Setoff and carry forward of loss (basic concept)

ASSIGNMENT

Lesson 6: Registration in Income ax portal for e-filing

Generation and interpretation of 26AS/AIS/TIS

Bank a/c validation/ Aadhaar- PAN Link/ Registration of DSC in e-filing portal



■ 9153549620

✉ dumkalcollege@gmail.com

DUMKALCOLLEGE

P.O-Basantapur, P.S-Dumkal, Dist.-Murshidabad, West Bengal, PIN-742406

(Govt.Aided, Affiliated to the: University of Kalyani Included under section 2(f) & 12 (B) of UGC Act.)

e-payment of tax
ASSIGNMENT

Lesson 7: e – filing of ITR1 and ITR2 (online and excel/ java utility)

e- Verification of return.

ASSIGNMENT

- Participation in class activities and discussions
- Final project presentation and report

Admission: On the basis of first come first serve

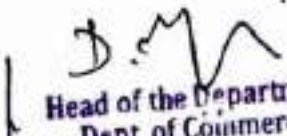
Prerequisites

WB/ CBSC/ ICSC Higher Secondary in commerce. Non-commerce students especially from science stream can also able to enroll for the course.

Resources

Open sources study material and software utilities as provided by the Income Tax Department and Tax Practice service provides.

(Visit to www.incometaxindia.gov.in/ www.taxguru.com)


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad


Principal
Dumkal College, Basantapur
Dumkal, Murshidabad



Dumkal College
Department of Commerce

Value- Basics of Income Tax

Course Duration: 30 Hours

Time Table

Sl. No.	Date	Day	Time	Venue
1	19.09.2019	Thursday	11 am – 3:30 pm	Department of Commerce
2	20.09.2019	Friday	11 am – 3:30 pm	Department of Commerce
3	21.09.2019	Saturday	11 am – 3:30 pm	Department of Commerce
4	23.09.2019	Monday	11 am – 3:30 pm	Department of Commerce
5	24.09.2019	Tuesday	11 am – 3:30 pm	Department of Commerce
6	25.09.2019	Wednesday	11 am – 3:30 pm	Department of Commerce
7	26.09.2019	Thursday	11 am – 3:30 pm	Department of Commerce


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2019-20

Organized by : Department of Commerce

certificate of completion

This is to certify that *Sujauddin Mondal* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2019-20

Organized by : Department of Commerce

certificate of completion

This is to certify that *Banasri Sarkar* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2019-20

Organized by : Department of Commerce

certificate of completion

This is to certify that *Din Mohammad* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2019-20

Organized by : Department of Commerce

certificate of completion

This is to certify that *Nisha Pal* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2019-20

Organized by : Department of Commerce

certificate of completion

This is to certify that *Sumon Sarwar* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2019-20

Organized by : Department of Commerce

certificate of completion

This is to certify that *Amiya Mandal* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department & TIC



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2019-20

Organized by : Department of Commerce

certificate of completion

This is to certify that *Saurav Mandal* has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department & TIC

DUMKAL COLLEGE

DEPARTMENT OF COMMERCE

QUESTION PAPER

Add on course in- Basics of Income Tax

Date: 19/09/2019 to 26/09/2019

FULL MARKS: 20

TIME: 30 Minutes

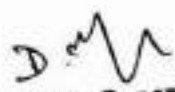
Attempt any 10 questions

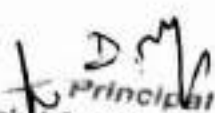
(10 x 2 = 20)

1. Income Tax Act was passed in the year.....
A) 1034 B) 1956 C) 1961 D) 1972
2. Income tax rates are fixed in
A) Income tax Act B) Finance Act C) Income tax rules. D) Finance rules
3. The minimum exemption limit of Income is
A) 250,000 B) 200,000 C) 300,000 D) 500,000
4. Educational cess is charged at the rate of
A) 25% B) 15% C) 3% D) 5%
5. HRA is
A) Fully Taxable B) Partly Taxable C) Fully Exempted D) None of these
6.Paid by Government of India to a Citizen of India for rendering services outside India is
A) Salary. B) Allowance & perquisites. C) Both A & B. D) None of the above.
7. Total Income means Aggregate of Incomes under all heads of Income
A) After claiming deduction u/s VI-A, B) Before claiming deduction u/s VI-A,
C) Income for which no deduction u/s VI-A. D) None of the above.
8. Under section 80D Medical insurance premium incurred for senior citizen is eligible for deduction up to
A) RS. 30,000, B) 50,000, C) 1,00,000 D) 60,000.
9. Deduction u/s 80E is allowed in respect of
A) Donation to charitable institutions B) Medical treatment of handicapped person C)
Interest on loan taken for education, D) Profits earned from exports.

7/10/20
5/10/20

10. Quantum of deduction u/s 80EE is
- A) 5000, B) 50000, C) 75000, D) None of the above.
11. Maximum deduction under section u/s 80 U is
- A) 50000, B) 75000, C) 100000. D) None of these.
12. Payment of LIC premium can be claimed as deduction u/s
- A) 80C, B) 80G, C) 80C D) 80CC


Head of the Department
Dept of Commerce
Dumkal College, Murshidabad


Principal
Dumkal College, Basantapur
Dumkal, Murshidabad

DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax
Answer Sheet

19
20

Name of the Student: Sujauddin Mondal

Date of Examination: 26/09/2019

Department: Commerce

- | | | | |
|---|--|----|--|
| 1 | a) | 7 | a) |
| | b) | | b) |
| | <input checked="" type="checkbox"/> c) | | c) |
| | d) | | d) |
| 2 | <input checked="" type="checkbox"/> a) | 8 | a) |
| | b) | | <input checked="" type="checkbox"/> b) |
| | c) | | c) |
| | d) | | d) |
| 3 | <input checked="" type="checkbox"/> a) | 9 | a) |
| | b) | | b) |
| | c) | | <input checked="" type="checkbox"/> c) |
| | d) | | d) |
| 4 | <input checked="" type="checkbox"/> a) | 10 | a) |
| | b) | | b) |
| | c) | | c) |
| | d) | | d) |
| 5 | a) | 11 | a) |
| | <input checked="" type="checkbox"/> b) | | <input checked="" type="checkbox"/> b) |
| | c) | | c) |
| | d) | | d) |
| 6 | a) | 12 | <input checked="" type="checkbox"/> a) |
| | b) | | b) |
| | <input checked="" type="checkbox"/> c) | | c) |
| | d) | | d) |

D.M.

DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax
Answer Sheet

18
20

Name of the Student: Banasri Sankar

Date of Examination: 26/09/2019

Department: ~~Comm~~ Mathematics

1 a)

b)

c)

d)

7

a)

b)

c)

d)

2

a)

b)

c)

d)

8

a)

b)

c)

d)

3

a)

b)

c)

d)

9

a)

b)

c)

d)

4

a)

b)

c)

d)

10

a)

b)

c)

d)

5

a)

b)

c)

d)

11

a)

b)

c)

d)

6

a)

b)

c)

d)

12

a)

b)

c)

d)

J.M.

DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax
Answer Sheet

17
20

Name of the Student: *Din Mohammad*

Date of Examination: *26/9/2019*

Department: *Mathematics*

- | | | | |
|---|--|----|--|
| 1 | a) | 7 | <input checked="" type="checkbox"/> a) |
| | b) | | b) |
| | <input checked="" type="checkbox"/> c) | | c) |
| | d) | | d) |
| 2 | <input checked="" type="checkbox"/> a) | 8 | a) |
| | b) | | b) |
| | c) | | c) |
| | d) | | d) |
| 3 | <input checked="" type="checkbox"/> a) | 9 | a) |
| | b) | | b) |
| | <input checked="" type="checkbox"/> c) | | c) |
| | d) | | d) |
| 4 | <input checked="" type="checkbox"/> a) | 10 | a) |
| | b) | | <input checked="" type="checkbox"/> b) |
| | c) | | c) |
| | d) | | d) |
| 5 | a) | 11 | a) |
| | <input checked="" type="checkbox"/> b) | | <input checked="" type="checkbox"/> b) |
| | c) | | c) |
| | d) | | d) |
| 6 | a) | 12 | <input checked="" type="checkbox"/> a) |
| | b) | | b) |
| | c) | | c) |
| | d) | | d) |

D.M

DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax
Answer Sheet

16
20

Name of the Student: *Saurav Mandal*

Date of Examination: *26/09/2019*

Department: *Geography*

- 1 a)
b)
 c)
d)

- 7 a)
b)
c)
d)

- 2 a)
b)
c)
d)

- 8 a)
 b)
c)
d)

- 3 a)
b)
c)
d)

- 9 a)
b)
c)
d)

- 4 a)
b)
c)
d)

- 10 a)
b)
c)
d)

- 5 a)
 b)
c)
d)

- 11 a)
b)
c)
d)

- 6 a)
b)
c)
d)

- 12 a)
b)
c)
d)

J.M.

DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax
Answer Sheet

19
20

Name of the Student: Nisha Pal

Date of Examination: 26.09.2019

Department: English

- | | | | |
|---|------------------|----|---------------|
| 1 | a) | 7 | a) |
| | b) | | b) |
| | c) | | c) |
| | d) | | d) |
| 2 | a) | 8 | a) |
| | b) | | b) |
| | c) | | c) |
| | d) | | d) // |
| 3 | a) | 9 | a) |
| | b) | | b) |
| | c) | | c) |
| | d) | | d) |
| 4 | a) | 10 | a) |
| | b) // | | b) |
| | c) | | c) |
| | d) | | d) |
| 5 | a) | 11 | a) |
| | b) | | b) |
| | c) | | c) |
| | d) | | d) |
| 6 | a) | 12 | a) |
| | b) | | b) |
| | c) | | c) |
| | d) | | d) |

D.M

DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax
Answer Sheet

16
20

Name of the Student: *Sumon Sarwar*

Date of Examination: *26-9-2019*

Department: *Philosophy*

1 a)

b)

c)

d)

7 a)

b)

c)

d)

2 a)

b)

c)

d)

8 a)

b)

c)

d)

3 a)

b)

c)

d)

9 a)

b)

c)

d)

4 a)

b)

c)

d)

10 a)

b)

c)

d)

5 a)

b)

c)

d)

11 a)

b)

c)

d)

6 a)

b)

c)

d)

12 a)

b)

c)

d)

J.M.W

**Register of
ATTENDANCE
OF PUPILS/STUDENTS**

Name Addon course

Subject _____

Class _____ Section _____

Year 2019-2020

B.B. KUNDU ENTERPRISE

62/1, M.G. Road, Kolkata-700 009
(M): 98300 20652, 7003255736

REGISTER OF ATTEN - For the Month of

January 202

DANCE

Serial No.	Roll No.	NAME OF PUPILS
1		Ayesha Satiwa (ENGH)
2		Nayan Saha (ENGH)
3		Ayub Ali Rahaman (ENGH)
4		Sabnam Kabori (ENGH)
5		Sahab Mandal (ENGH)
6		Mukammel Hassan (ENGH)
7		Saxi Mandal (ENGH)
8		Metasin Billa (ENGH)
9		Rojina Khatun (ENGH)
10		Sajida Rahman (ENGH)
11		Poojay Mandal (ENGH)
12		Sarjen Sarkar (ENGH)
13		Renuka Khatun (ENGH)
14		Saharaj Shil (ENGH)
15		Sabit Ahmed (ENGH)
16		Md. Mubir Islam (ENGH)
17		Abne Kayum Biswas (ENGH)
18		Simon Parver (ENGH)
19		Tanzim Mubassir (ENGH)
20		Taniya Akhter (ENGH)
21		Kartick Pal (ENGH (HISH))
22		Tanina Biswas (HISH)
23		Ayesha Khatun (HISH)
24		Sinayul Islam (HISH)
25		Sahel Islam (HISH)
26		Sujata Haldar (HISH)
27		Alok Ghosh (HISH)
28		Rasel Mandal (HISH)
29		Samima Samina Akter (PHIH)
30		Hawa Khatun (PHIH)
31		Rasidul Mandal (PHIH)
32		Rubel Mandal (PHIH)
33		Mahafuzia Rausan (PHIH)
34		Mousumi Ghosh (PHIH)
35		Sabnur Khatun (PHIH)
		No. Present Daily
		No. Absent Daily
		TOTAL

Roll No.	ATTEN -																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1							✓	✓						✓	✓			
2							✓	✓						✓	✓			
3							✓	✓						✓	✓			
4							✓	✓						✓	✓			
5							✓	✓						✓	✓			
6							✓	✓						✓	✓			
7							✓	✓						✓	✓			
8							✓	✓						✓	✓			
9							✓	✓						✓	✓			
10							✓	✓						✓	✓			
11							✓	✓						✓	✓			
12							✓	✓						✓	✓			
13							✓	✓						✓	✓			
14							✓	✓						✓	✓			
15							✓	✓						✓	✓			
16							✓	✓						✓	✓			
17							✓	✓						✓	✓			
18							✓	✓						✓	✓			
19							✓	✓						✓	✓			
20							✓	✓						✓	✓			
21							✓	✓						✓	✓			
22							✓	✓						✓	✓			
23							✓	✓						✓	✓			
24							✓	✓						✓	✓			
25							✓	✓						✓	✓			
26							✓	✓						✓	✓			
27							✓	✓						✓	✓			
28							✓	✓						✓	✓			
29							✓	✓						✓	✓			
30							✓	✓						✓	✓			
31							✓	✓						✓	✓			
32							✓	✓						✓	✓			
33							✓	✓						✓	✓			
34							✓	✓						✓	✓			
35							✓	✓						✓	✓			

Roll No.	DANCE																														
	19	20	21	22	23	24	25	26	27	28	29	30	31																		
1			✓	✓						✓	✓																				
2			✓	✓						✓	✓																				
3			✓	✓						✓	✓																				
4			✓	✓						✓	✓																				
5			✓	✓						✓	✓																				
6			✓	✓						✓	✓																				
7			✓	✓						✓	✓																				
8			✓	✓						✓	✓																				
9			✓	✓						✓	✓																				
10			✓	✓						✓	✓																				
11			✓	✓						✓	✓																				
12			✓	✓						✓	✓																				
13			✓	✓						✓	✓																				
14			✓	✓						✓	✓																				
15			✓	✓						✓	✓																				
16			✓	✓						✓	✓																				
17			✓	✓						✓	✓																				
18			✓	✓						✓	✓																				
19			✓	✓						✓	✓																				
20			✓	✓						✓	✓																				
21			✓	✓						✓	✓																				
22			✓	✓						✓	✓																				
23			✓	✓						✓	✓																				
24			✓	✓						✓	✓																				
25			✓	✓						✓	✓																				
26			✓	✓						✓	✓																				
27			✓	✓						✓	✓																				
28			✓	✓						✓	✓																				
29			✓	✓						✓	✓																				
30			✓	✓						✓	✓																				
31			✓	✓						✓	✓																				

Hindus: + Muslims: + Others: = TOTAL:

No. of Working Days During the Month
Average Daily Attendance

Serial No.	Roll No.	NAME OF PUPILS	Serial No. & Date
1		Hbida Khatun (ENGH)	
2		Amina Sultana (ENGH)	
3		Anisa Khatun (ENGH)	
4		Armina Khatun (ENGH)	
5		Mst. Eliya Farun (ENGH)	
6		Radia Sultana (ENGH)	
7		Riya Sultana (ENGH)	
8		Rupali Khatun (ENGH)	
9		Sabnam Suraiya (ENGH)	
10		Sangita Khatun (ENGH)	
11		Sona Khatun (ENGH)	
12		Abdul Alim (ENGH)	
13		Alimul Islam (ENGH)	
14		Anis Das (ENGH)	
15		Arif Raja Mandal (ENGH)	
16		Erfan Sabzi (ENGH)	
17		Hanum Molla (ENGH)	
18		Kazi Md. Fahim (ENGH)	
19		Lalon Mandal (ENGH)	
20		Md. Selim Afannal (ENGH)	
21		Nabid Hasan (ENGH)	
22		Noim SK (ENGH)	
23		Pavel Faraz (ENGH)	
24		Pranab Mandal (ENGH)	
25		Raj Saroja (ENGH)	
26		Yasir Korai Sarkar (ENGH)	
27		Sahanur Kabir (ENGH)	
28		Rahim Rana (ENGH)	
29		Nazimul Abid (ENGH)	
30		Sahel Hossain (PHIH)	
31		Yeakub Mandal (PHIH)	
32		Azifa Sultana (PHIH)	
33		Ayesha Siddika (PHIH)	
34		Humayan Shah (PHIH)	
35		Mominul Mandal (PHIH)	
36		Alya Khatun (PHIH)	
37		Abdur Rahim (PHIH)	
38		Rahel SK (PHIH)	
39		Rahim Mandal (ENGH)	
40		Umme Salma (ENGH)	
		No. Present Daily	
		No. Absent Daily	
		TOTAL	

ATTEN-
For the Month of
ATTEN-

Roll No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	A																	
2	A																	
3	A																	
4	A																	
5	A																	
6	A																	
7	A																	
8	A																	
9	A																	
10	A																	
11	A																	
12	A																	
13	A																	
14	A																	
15	A																	
16	A																	
17	A																	
18	A																	
19	A																	
20	A																	
21	A																	
22	A																	
23	A																	
24	A																	
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26	A																	
27	A																	
28	A																	
29	A																	
30	A																	
31	A																	
32	A																	
33	A																	
34	A																	
35	A																	
36	A																	
37	A																	
38	A																	
39	A																	
40	A																	

Hindus : + Muslims : + Others : - TOTAL :
No. of % Free Students :

DANCE OF PUPILS
December 2022
DANCE

No.	19	20	21	22	23	24	25	26	27	28	29	30	31	Present	Late Present
1	A														
2	A														
3	A														
4	A														
5	A														
6	A														
7	A														
8	A														
9	A														
10	A														
11	A														
12	A														
13	A														
14	A														
15	A														
16	A														
17	A														
18	A														
19	A														
20	A														
21	A														
22	A														
23	A														
24	A														
25	A														
26	A														
27	A														
28	A														
29	A														
30	A														
31	A														

No. of Working Days During the Month
Average Daily Attendance
% of Attendance During the Month



Latitude: 24.104433
Longitude: 88.535472
Altitude: -3.7±9 m
Accuracy: 60.0 m
Time: 07-01-2020 15:42
Note: Dumkal College basa

Powered by NoteCam



Latitude: 24.104432
Longitude: 88.535475
Elevation: 52.48±8 m
Accuracy: 500.7 m
Time: 07-01-2020 15:40
Note: Dumkal College basantapur

Powered by NoteCam

Department of English

Communicative English

Syllabus

Course Title: Communicative English

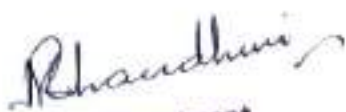
Course Description: This course focuses on developing students' ability to communicate effectively in English, with an emphasis on practical language use in real-life situations.

Course Objectives:

- Improve speaking, listening, reading, and writing skills in English
- Develop vocabulary and grammar in context
- Enhance communication skills in everyday situations
- Build confidence in using English in social, academic, and professional settings
- To train and prepare the students to seek and find employment in the corporate, media, English language teaching and content writing sectors.
- To impart knowledge, ideas and concepts in the technicalities of proper pronunciation, structure, appropriate use and style of the English Language as well as the application areas of English communication.
- To enable the students to conduct independent surveys, collect and analyze data, prepare and present reports and projects.

Unit 1: Language and Communication

- Introduction to communication
- Importance of communication and effective communication
- Barriers in communication
- Verbal and Non-verbal communication
- Introduction to Language
- Language varieties: standard and non-standard language
- Language change


Head of the Department
Dept. of English
Dumkal College, Murshidabad

Unit -2: Listening skills

- Casual Listening: Listening to announcements and summarizing
- Focused Listening:
 - Listening to announcements for specific information
 - Listening to interviews for specific information
 - Listening to speeches for specific attitudes through intonation patterns
 - Listening to dialogues/conversations for specific speech functions

Unit:3: Speaking Skills

A. Pronunciation

- Vowels
- Diphthongs
- Triphthongs
- Stress-word and sentence stress.
- Rhythm and intonation patterns

B. Accuracy and appropriateness

- Correct use of structure and vocabulary
- Effective use of complex structures
- Appropriate choice of language styles

C. Fluency:

- Naturalness of rhythm and speed
- Coherence in conveying message

Unit-4: Reading Skills

- Reading Comprehension
- Reading Strategies
- Literary Texts
- Knowledge Texts
- Scanning and Skimming
- Intensive and Extensive reading

Unit -5 Writing Skills

- Grammar: Modal verbs, Conjunctions, Active and Passive, message conveyed and distorted

- Personal Writing: Informal letters and Blogging, essays on oneself.
- Business writing: Introduction to professional and organisational writing.
- Writing a project/ fieldwork report: (i) Writing a report on business negotiations, (ii) Summarizing annual report of a company, (iv) Writing minutes of a meeting, (v) Electronics correspondence.

- Style

- Lexis

- Pragmatics

- Context

- Audience

Dumkal College

Department of English

Add-on Course on Communicative English

Session: 2019-2020 (From November, 2019 – February, 2020)

Day	Time	Teachers
Tuesday	03:30-04:30	Masadul Islam
Wednesday	03:30-04:30	Abida Sultana

Expertise Details for Teaching Communicative English (for the Session: 2019-2020)

1. Masadul Islam

State Aided College Teacher (Formerly Part Time Teacher, Approved by Govt. of W.B.) of Dumkal College

Teaching Experience: 10+ Years (Since 22/12/2009)

Studied Linguistics as Subsidiary Subject with English Honours in Graduate Level from AMU

English Language Teaching (ELT) was the Specialisation Area in M.A. from AMU

Completed a Certificate Course from IGNOU, Titled Certificate in Functional English (CFE) in the Year 2011

2. Abida Sultana

State Aided College Teacher (Formerly Guest Lecturer) of Dumkal College

Teaching Experience: 1+ Year

Studied Linguistics as Subsidiary Subject with English Honours in Graduate Level from AMU

WBSET Qualified



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **MUKAMMEL HASAN** has successfully completed the Add-on course on "*Communicative English*" (Session- 2019-20), organised by the Department of English, Dumkal College with grade **B**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **RENUKA KHATUN** has successfully completed the Add-on course on "*Communicative English*" (Session- 2019-20), organised by the Department of English, Dumkal College with grade **B**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **TANZIM MUBASSIR** has successfully completed the Add-on course on "*Communicative English*" (Session- 2019-20), organised by the Department of English, Dumkal College with grade **C**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **AYESHA SIDDIKA** has successfully completed the Add-on course on "*Communicative English*" (Session- 2019-20), organised by the Department of English, Dumkal College with grade **C**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **ALOK GHOSH** has successfully completed the Add-on course on "*Communicative English*" (Session- 2019-20), organised by the Department of English, Dumkal College with grade **C**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC

DUMKAL COLLEGE, BASANTAPUR

FINAL EXAMINATION -2019-2020

DEPARTMENT OF ENGLISH

ADD ON COURSE

Full Marks -50

Group -A

Answer any five of the following questions: 5x2=10

1. What are the close vowels in English?
2. Give the manner of articulation for the sound /p/.
3. Why is the cover page of a report important?
4. What is intonation?
5. What are affixes?
6. Give examples of Non-verbal communication.
7. What is scanning ?
8. What role does body language play in effective communication?
9. Differentiate between diphthongs and clusters
10. Explain syllables.

Group -B

Answer any four of the following questions: 4x5=20

1. Difference between intensive and extensive reading .
2. Differentiate between casual listening and focused listening.
3. How many back vowels in English? Indicate their tongue positions.
4. Describe the sections in a project report.
5. Difference between intensive and extensive reading .
6. What are the key components of effective public speaking?

Group -C

Answer any two of the following questions: 2x10=20

1. Describe the organs responsible for speech.
2. Discuss the structure of English language at the phonemic level.
3. Elaborate on the 7 C' of communication to show why are they necessary in communication.
4. Write a field report on any field trip that you have attended.

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UNIVERSITY OF KALYANI

MAIN ANSWER-BOOK

DUMKAL COLLEGE

Add-On Course

Examination, 20

Subject Communicative English

Paper I

Half / Group

INSTRUCTIONS

(must be read carefully by the examinees)

1. Answer must be written on both side of the pages of the book. **(EXCEPT BACK SIDE OF THE FRONT PAGE)**
2. To avoid misuse of the papers, the examinees should write at least 15 lines in each page of the blank answer scripts.
3. **Carrying of Mobile phones, Bluetooth & Wifi Devices etc. in the Examination Center/Hall is strictly prohibited.**
4. A few pages of the book may be used for rough work or notes of calculations. They should be penned through afterwards. Nothing must be written on the question paper or blotting papers.
5. Candidates must make over unauthorised books and papers before the examination commences.
6. Candidates must remain seated until the answer-book is collected by the Invigilator. Those using supplementary answer sheets must get them stitched to the main answer-book before leaving the Hall.
7. Candidates using supplementary answer sheets must get them entered and signed by the Invigilator for each instalment in the cage provided below.
8. Pocket calculators not having memory safeguard facility may be used for calculation purpose.
9. **As per the University Regulations all answer scripts will be preserved for six months from the date of publication of results.**

Questions No.	Marks
Total	

No of supplementary answer sheets issued						
Signature of the Invigilator						

Examiner's Signature

Scrutineer's Signature

Re-Examiner's Signature

Head Examiner / Coordinator's Signature



Signature of Invigilator

 Officer-in-Charge

MUKAMMEL HASSAN

Roll No. Reg. No. Examination, 20 of 2019-20

Group - A

- 3) The cover of the report is what catches the attention of the reader first. An attractive cover leads the reader to form a positive impression about the report and the writer. The cover should indicate the title of the project, the name of the author(s), the receiving authority and date/number of the report.
- 5) Affix, a grammatical element that is combined with a word, stem or phrase to produce derived or inflected forms. There are three main types of affixes: ~~pre~~ prefixes, infixes, and suffixes.
- 7) Used to find specific facts in a text by quickly reading it line and looking for key words, dates, names and numbers.
- 6) Nonverbal communication is body language, gestures, tone of voice, facial expression, body posture etc, used for conveying information.
- 8) Body language plays a significant role in communication, helping to convey emotional and intentions that words alone may not be able to express.

Group B

The primary difference between intensive and extensive reading lies in their purpose, approach, and level of engagement with the text:

(A) Intensive Reading:-

Purpose:- To gain a deeper understanding of the text.

Approach:- Focuses on closely analyzing a short passage or text.

Emphasis:- Involves examining details such as vocabulary, grammar, and structure.

Pace:- Slow and deliberate, often involving repeated readings.

Goal:- To enhance language skills, comprehension, and critical thinking.

Use:- Typically used for academic purposes, language learning, or in-depth study.

(B) Extensive Reading:-

Purpose:- To read for general understanding and pleasure.

Approach:- Covers longer texts, such as books or articles, without focusing on every word or detail.

Emphasis:- Prioritizes overall meaning and enjoyment over detailed analysis.

Pace:- Faster, skimming or scanning through content.

Goal:- To improve reading fluency, build general language competence and encourage a love of reading.

Use:- Often employed for recreational reading or gaining broad knowledge.

In essence, intensive reading is for deep understanding and learning, while extensive reading is for broad exposure and enjoyment.

(4)

6) Effective communication involves several key components that ensure the message is accurately received, understood, and appropriately acted upon. These components include

(i) Clarity:-

The message should be clear, concise, and free from ambiguity. Avoid jargon or complex language that could confuse the receiver.

(ii) Active listening:-

Actively paying attention to the speaker providing feedback and responding appropriately.

This involves maintaining eye contact, nodding and avoiding distracting.

(ii) Empathy :-

Understanding the emotions and perspectives of the other person helps to connect better and communication in a more personalized manner.

(iv) Non-verbal Communication :-

Body language, facial expressions, gestures and tone of voice play a critical role in conveying emotions and intentions.

(v) Feedback :-

Providing constructive feedback ensures that communication is a two-way process. It helps clarify misunderstandings and confirms that the message was received as intended.

(vi) Emotional Control :-

Staying composed, even in difficult conversations, prevents miscommunication and helps maintain a positive atmosphere.

(vii) Open-mindedness :-

Being open to different viewpoints and willing to adapt the message based on feedback is crucial for effective communication.

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- Example of abstract is given, showing the use of abstract, identifying a problem, analyzing a problem and solution.

In general, abstract should be clear, concise and informative. It should state the purpose of the study, the methods used, the results obtained, and the conclusions drawn. It should also include keywords that will help in searching the document.

The type of abstract depends on the nature of the document.

A project report, especially for a research project, should be structured around the following points: Introduction, Objectives, Methods, Results, Discussion, and Conclusion.

(b) Title Page

- Project: name and number, including the project code.
- Author and affiliation: name and address of all contributors.
- Date: submission date.
- Chapter: logo, company name, subject matter.

is needed to create sound. They act as a bellows, pushing air out of the respiration system.

(2) The Diaphragm and Intercostal muscles :-

- Role :- These muscles control flow of air from the lungs. The diaphragm is the primary muscle for breathing, while the intercostal muscles between the ribs help with fine-tuning the air pressure.

(3) The Vocal Cords :-

- Role :- Located in the larynx, the vocal cords are two small, muscular folds that vibrate when air passes over them. The vibration creates sound waves.

(4) The Oral Cavity :-

- Role :- This includes the tongue, teeth, lips and palate. These structures work together to shape the sound waves coming from the vocal cords, creating different speech sounds.

(5) The Brain :-

- Role :- The brain is the mastermind behind speech. It sends signals to all

Group - A

- 4) The manner of articulation of the sound /P/ is —
Plosive.
- 5) Affix, a grammatical element that is combined with a word, stem, or phrase to produce derived or inflected forms. There are three main types of affixes: prefixes, infixes and suffixes.
- 6) Non-verbal communication is body language, gestures, tone of voice, facial expressions, body posture, etc, used for conveying information.
- 7) Skimming is used to get a general overview of a text by quickly reading it and picking out key words and sentence.
- 8) Scanning is used to find specific facts in a text by quickly reading it line by line and looking for key words, dates, names, and numbers.
- 9) Body language plays a significant role in communication, helping to convey emotions and intentions that words alone may not be able to express.
- 10) The cover of the report is what catches the attention of the readers first. An attractive cover leads the reader to form a positive impression about the report and the writer. (8)

Group - B

6) Effective communication involves several key components that ensure the message is accurately received, understood, and appropriately acted upon. These components include:

1. Clarity - The message should be clear, concise, and free from ambiguity.

2. Active Listening - Actively paying attention to the speaker, providing feedback and responding appropriately.

3. Empathy - Understanding the emotions and perspectives of the other person helps to connect better and communicate in a more personalized manner.

4. Non-verbal communication - Body language, facial expressions, gestures, and tone of voice plays a critical role in emotions and intentions.

5. Feedback - Providing constructive feedback ensures that communication is a two-way process. It helps clarify misunderstandings and confirms that the message was received as intended.

6. Adaptability - Adjusting someone's communication style based on the audience, context, and medium (e.g. face-to-face, written, virtual)

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An open-mindedness :- Being open to different viewpoints and willing to adapt the message based on feedback is crucial for effective communication.

When these components are combined, communication becomes more effective, leading to better understanding, collaboration, and relationships. (4)

5) The primary difference between intensive and extensive reading lies in their purpose, approach and level of engagement with the text.

1. Intensive Reading :-

Purpose :- To gain a deeper understanding of the text.

Approach :- Focuses on closely analyzing a short passage or text.

Emphasis :- Involves examining details such as vocabulary, grammar, and structure.

Goal :- To enhance language skills, comprehension, and critical thinking.

Use :- Typically used for academic purposes, language learning, or in-depth study.

Pace :- Faster/slow and deliberate, often involving repeated readings.

9. Extensive Reading :-

Purpose :- To read for general understanding and pleasure.

Approach :- Covers longer texts, such as books or papers or articles etc. without focusing on every word or detail.

Emphasis :- Prioritizes overall meaning and enjoyment over detailed analysis.

Pace :- Faster, skimming or scanning through content.

Goal :- To improve reading fluency, build general language competence, and encourage a love of reading.

In essence, intensive writing/reading is for deep understanding and learning, while extensive reading, is for broad exposure and enjoyment.

4
→ When someone asked to write a project report, someone will usually be given a project brief with instructions and guidelines for the sections to be included in the report. That said, the most reports normally have the following sections:

Cover :- The cover of the report is what catches the attention of the reader first. An attractive cover leads the reader to form a positive

UK

impressions about the report and the writer, so, paying careful attention is an important way to cover design.

Title page :- This is the first page of the report and contains almost the same information as the cover. The title of the report should convey the area, and scope of the project. For example the title, is far more descriptive and attractive than just 'Home automation system'.

Acknowledgement :- In this page / section the writer expresses gratitude and thanks all those who supported and contributed directly or indirectly to the completion of the project work.

Abstract (summary) :- The abstract is meant to be a brief summary of the report and should not exceed of 200 words. The reader should be able to pick up from the abstract the main aim of the project, the background, the methodology used, the process followed and the results or outcome of the project.

20

Table of contents — The table of contents serves the purpose of describing the whole project report in a nutshell. It indicates the heading, sub-headings, topics and their corresponding page numbers. It is useful to follow a clear and consistent numbering system throughout the report.

Main body of the report :—

The main body of the report includes three components

Introduction :— A good introduction sets the tone for the rest of the report.

Analysis & discussion :— This section of the report presents in a logical sequence the facts and evidence gathered and how they were analysed to arrive at the findings.

Conclusion and recommendations :— The conclusion is a concise version of the analysis and should show the overall significance of the work. The recommendations made should be specific, measurable and achievable.

2 Casual listening and focused listening are two distinct modes of listening with differing goals, attention levels, and outcomes. Here's a comparison:

Casual Listening :-

1. Purpose :- Relaxation, entertainment, or background music, noise.
2. Attention :- Passive, fragmented, or divided.
3. Focus :- No specific goal or deep understanding.
4. Example :- Listening to music, podcasts, or conversations while multi-tasking.

Focused Listening :-

1. Purpose :- Understanding, learning or problem-solving.
2. Attention :- Active, concentrated, and intentional.
3. Focus :- Specific goal or deep understanding.
4. Examples :- Listening to lectures, interviews, or critical conversations.

Key difference :-

1. Intent :- Casual listening is recreational, while focused listening is purposeful.

2. Attention span: - Casual listening is often interrupted, while focused listening maintains concentration.

In a chat or conversation, focused listening is crucial for:

1. Effective communication
2. Building rapport.
3. Resolving conflicts.
4. Gathering information.

4

Group - C

3. Communication in any sphere of life needs to possess the following qualities in order to make the right impact on the receiver:

Clarity: - The message should be clear and comprehensible. For example, if one receives the following mail from the team-leader, one will be in confusion regarding the issue, timing and location of the meeting.

Hello Everyone

This is to remind you about the meeting tomorrow
pritam

This message lacks clarity and would have been clearer if it included necessary information.

a structured effort to use communication
competence - Having communication competence
means that the manager is able to communicate
regarding the message is important. This
can be achieved not just by being kind and
friendly but also by being assertive to set up
boundaries and avoid being over-assertive
to the job. Good business communication may be
perceived as being as to communication with
structure incomplete.

Comprehension - Comprehension in communication is the
ability to understand the message must have
content that is related to the needs and interests
with each other with respect.

Conflict - From business & negotiation use the
message customer, investors and other parties
and perspective each person. Etiquette include
proper greeting and active, writing messages,
and visibility in context. For example, in a
meeting if one is cutting somebody short for a
justified reason, it is considered ill-mannered
and results in disruption of communication.

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(28)

Sl No 491/M/22-23

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UNIVERSITY OF KALYANI

MAIN ANSWER-BOOK

DUMKAL COLLEGE

Add-On Course

Examination 20

Subject Communicative English Paper

Half/Group

INSTRUCTIONS

(must be read carefully by the examinees)

1. Answer must be written on both side of the pages of the book (EXCEPT BACK SIDE OF THE FRONT PAGE)
2. To avoid misuse of the papers, the examinees should write at least 15 lines in each page of the blank answer scripts.
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Questions No.	Marks
Total	

No of supplementary answer sheets issued					
Signature of the Invigilator					

Examiner's Signature

Scrutineer's Signature

Re-Examiner's Signature

Head Examiner / Coordinator's Signature

Signature of Invigilator
Officer-in-Charge

TANZIM MUBASSIR

Examination, 20

Roll No. Reg. No. of 2019-20

Subject Paper Half/Group

6. Nonverbal communication is body language - gestures, tone of voice, facial expressions, body posture, etc. used for conveying information.

5. Affix, a grammatical element that is combined with a word stem, or phrase to produce derived or inflected forms. There are three main types of affixes: prefixes, infixes, and suffixes.

3. The cover of the report is what catches the attention of the reader first. An attractive cover leads the reader to form a positive impression about the report and the writer. The cover should indicate the title of the project, the name of the author(s), the receiving authority (the university/department/organisation to whom the report is submitted) and date/number of the report.

7. Scanning used to find specific facts in a text by quickly reading it line by line and looking for key words, dates, names and numbers.

Effective communication definition is the process of exchanging or transferring ideas, information, thoughts, knowledge, data, opinion, or messages from the sender through a selected method or channel to the receiver with a purpose that can be understood with clarity.

2

6. Effective communication involves several key components that ensure the message is accurately received, understood, and appropriately acted upon. These components include:

1. Clarity :-

The message should be clear, concise, and free ambiguity. Avoid jargon or complex language that could confuse the receiver.

2. Active Listening :-

Actively paying attention to the speaker, providing feedback, and responding appropriately. This involves maintaining eye contact, nodding, and avoiding distractions.

3. Empathy:

Understanding the emotions and perspective of the other person helps to connect better and communicate in a more personalized manner.

4. Non-Verbal Communication:

Body language, facial expressions, gestures and tone of voice play a critical role in conveying emotions and intentions.

5. Feedback:

Providing constructive feedback ensures that communication is a two-way process. It helps clarify misunderstandings and confirms that the message was received as intended.

6. Adaptability:

Adjusting your communication style to the audience, context, and medium (e.g., face-to-face, written, virtual).

When these components are combined, communication becomes more effective, leading to better understanding and relationships.

5. The primary difference between intensive and extensive reading lies in their purpose, approach, and level of engagement with the text.

① Intensive Reading:-

Purpose: To gain a deeper understanding of the

Approach:- Focuses on closely analyzing a short passage or text.

Emphasis:- Involves examining details such as vocabulary, grammar and structure.

Pace:- slow and deliberate, often involving repeated reading.

Goal:- To enhance language skills, comprehension and critical thinking.

Use:- Typically used for academic purposes, language learning or in-depth study.

② Extensive Reading:-

Purpose:- To read for general understanding and pleasure.

Approach:- Covers longer texts, such

as books or articles, without focusing on every word or detail.

Emphasis:- Prioritizes overall meaning and enjoyment over detailed analysis.

Pace:- Faster skimming or scanning through content.

Goal:- To improve reading fluency, build general language competence, and encourage a love of reading.

Use:- often employed for recreational reading or gaining broad knowledge.

In essence, intensive reading is for deep understanding and learning, while extensive reading is for broad exposure and enjoyment.

(4)

2. Here's a breakdown of the differences between casual listening and extensive focus.

Casual Listening:-

Goal:- Enjoyment, relaxation, background noise.

Focus: Not focused on details,
often listening passively.

Examples: Listening to music while
working, catching up on a podcast
during a commute, background
chatter at a party.

~~Extensive listening:~~ Focus:
Extensive Focused Listening.

Goal: Understanding and learning
gaining knowledge on information

Focus:- Highly focused, actively
processing the message.

Examples: Studying a lecture,
listening to an audiobook, atten-
ding a conference, analyzing a
podcast for research.

Here's a table summarizing
the key differences:

In essence:-

Casual listening is for enjoy-
ment and relaxation. It's low
effort and doesn't require deep
concentration.

Extensive focus is for learning and understanding. It's high-effort, requiring active engagement and focus.

3
A project report typically follows a structured format to present information effectively. Here's a breakdown of common sections.

① Title page:-

• Project title: clean and concise reflecting the project's scope.

Author and Affiliations:-

Names and affiliations of all contributors.

Date:- submission date.

Optional:- Logo, company name, project numbers.

② Executive Summary:-

Concise overview:- A brief summary of the entire report, highlighting.

Purpose:- To provide readers with a quick understanding of the project's essence without reading the full report.

③ Introduction:

Background: Provides context for the project, explaining its significant origin and objective.

Methodology: Briefly describes the approach taken to conduct the project.

④ Methodology:

Detailed Description: Explains the methods, tools, and techniques used in the project.

Assumptions and Limitations:

Identifies any assumptions made or limitations encountered during the project.

⑤ finding and Results:

Presentation of Data: Presents the project's results, using charts, graphs, tables and other visual aids to enhance clarity.

Discussion: Explains the significance of the findings in relation to the project's objectives.

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③ The Pharynx:

Role: The pharynx acts as a resonance chamber, amplifying and modifying the sound produced by the vocal cords.

④ The Oral cavity:

Role: This includes the tongue, teeth, lips, and palate. These structures work together to shape the sound waves coming from the vocal cords, creating different speech sounds.

In Summary:

Speech production is a symphony of coordinated actions. The lungs provide the air, the muscles control its flow, the vocal cords vibrate to create sound and the oral cavity shapes the sounds into recognizable speech.

6



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Sl. No. SPL/M/22-23/

3226021

UNIVERSITY OF KALYANI

MAIN ANSWER-BOOK

DUMKAL COLLEGE

Add-On Course

Examination 20

Subject Communicative English

Paper Half / Group

INSTRUCTIONS

(must be read carefully by the examinees)

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Head Examiner / Coordinator's Signature



Signature of Invigilator

Officer-in-Charge

AYESHA KHATOON SIDDIKA

Examination, 20

Roll No. Reg. No. of 2019-20

Subject Paper Half/Group

Group A

1. The six close vowels in English are -

- close front unrounded vowel [i]
- close front compressed vowel [ɪ]
- close central unrounded vowel [ɨ]
- close central protruded vowel [e]
- close back unrounded vowel [ɯ]
- close back protruded vowel [u]

3. The cover of the report is what catches the attention of the reader first. An attractive cover leads the reader to form a positive impression about the report and the writer. The cover should indicate the title of the project, the name of the author(s), the receiving authority (the university/department/organisation to whom the report is submitted) and date/number of the report.

5. Affix, a grammatical element that is combined with a word, stem, or phrase to produce derived or inflected forms. There are three main types of affixes: Prefixes, infixes and suffixes.

6. Non-verbal communication is body language gestures, tone of voice, facial expressions, body posture, etc, used for conveying information.

8. Body language plays a significant role in communication, helping to convey emotions and intentions that words alone may not be able to express.

Group-B

6) Effective communication involves several key components that ensure the message is accurately received, understood, and appropriately acted upon. These components include:-

- Clarity - The message should be clear, concise and free from ambiguity. Avoid jargon or complex language that could confuse the receiver.
- Active Listening - Actively paying attention to the speaker, providing feedback and responding appropriately. This involves maintaining eye-contact, nodding and avoiding distractions.

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- Empathy - understanding the emotions and perspectives of the other person helps to connect better and communicate in a more personalized manner.
- Non-Verbal Communication - Body language, facial expressions, gestures, and tone of voice play a critical role in conveying emotions and intentions.
- Feedback - Providing constructive feedback encourages communication in a two-way process. It helps clarify misunderstandings and confirms that the message was received as intended.
- Adaptability - Adjusting your communication style based on audience, context and medium. (e.g. - face-to-face, written, virtual).
- Confidence - Delivering a message assertively and confidently helps convey credibility and trustworthiness.

When these components are combined, communication becomes more effective, leading to better understanding, collaboration and relationships.

4

3. The primary difference between intensive and extensive reading lies in their purpose, approach and level of engagement with the text:-

• Intensive Reading -

Purpose - To gain a deeper understanding of the text.

Approach - Focuses on closely analyzing a short passage or text.

Emphasis - involves examining details such as vocabulary, grammar and structure.

Pace - slow and deliberate, often involving repeated reading.

Goal - To enhance language skills, comprehension and critical thinking.

Use - often employed for recreational reading or gaining broad knowledge.

Typically used for academic purposes.

• Extensive Reading -

Purpose - To read for general understanding and pleasure.

Approach - covers longer texts, such as books or articles, without focusing on every word or detail.

Emphasis - Prioritizes overall meaning and enjoyment over detailed analysis.

UK

Pace - Fast, skimming or scanning through content.

Goal - To improve reading fluency, build general language competence.

In essence, intensive reading is for deep understanding and learning, while extensive reading is for broad exposure and enjoyment.

1

2. Casual Listening

- Goal - Enjoyment, relaxation, background noise.
- Focus: - not focused on details, often listening passively.
- Level of effort - low, requires little mental engagement.
- examples - Listening to music while working, catching up on a podcast during a commute.

2

Extensive Listening

- Goal - understanding & learning, gaining knowledge or information.
- Focus - Highly focused, actively processing the message.

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ii) Executive Summary

- concise overview - A brief summary of the entire report, highlights key findings
- Purpose - To provide readers with a quick understanding of the project's essence

iii) Introduction

- Background - Provides context for the project, explaining its significance, origin.
- Methodology - Briefly describes the approach

iv) Method/Approach

- Detailed description - explains the methods, tools, and techniques.
- Data collection and analysis - Describes the data gathering process, how data was analyzed.

v) Finding and Results - Presenting the results, using charts and graphs and enhance clarity.

4

vi) Conclusion - Summarizes the most important conclusions drawn from the project.

Group c

1. Speech is a complex process involving the coordinated action of multiple organs. Here is a breakdown of the key players-

i) The Lungs (Power source)

→ It provides the air that is needed to create sound. They act as bellows, pushing air out of the respiratory system.

ii) The Diaphragm and intercostal muscles (Air control)

→ The muscles control the flow of air from lungs. The diaphragm (a large-dome shaped muscle) is the primary muscle for breathing, while the intercostal muscles between ribs help with fine-tuning.

iii) The vocal cords (Sound Production)

→ Located in larynx, the vocal cords are two small, muscular folds that vibrate when air passes over them; which creates sound.

- iv) the Pharynx - Acts as a resonance chamber, amplifying and modifying the sound produced by the vocal cords.
- v) the Nasal cavity - It contributes to nasal sounds and modifies the tone of speech.
- vi) the oral cavity - This includes tongue, teeth, lips and palate which work together to shape the sound waves coming from the vocal cords, creating different speech sounds.

Speech Production is a symphony of coordinated actions. The lungs provide the air, the muscles control its flow, the vocal cords vibrate to create sound, and the oral cavity shapes the sounds into recognizable speech.

(6)

UK

Words - Syllables combine to form words.

Phrases and Sentences - words are arranged into phrases and sentences according to the rules of grammar.

Importance of understanding

understanding Phonetics helps improve Pronunciation
→ children learn to distinguish and produce Phonemes during language development.

□ - the Phonemic level of English is the foundation upon which the entire language structure is built. Understanding Phonemes, their transcription and their combinations is crucial for accurate Pronunciation, language learning, and speech therapy.

(f)

GROUP - A

1) Close vowels in English are i, e, u, o.

2) The [p] sound is known as a voiceless bilabial plosive.

3) Intonation :

Intonation, in phonetics, the melodic pattern of an utterance.

It carries differences of expressive

meaning (e.g. surprise, anger, or delight)

and it can also serve a grammatical function.

4) The many different types of non-verbal communication —

(a) Body movement and posture,

(b) Gestures,

(c) Eye contact,

(d) Touch

(e) Smell

(f) Voice

Affix :

An affix is a letter or group of letters, for example 'un-' or '-y', which is added to either the beginning or the end of a word to form a different word with a different meaning.

For example :- 'un-' is added to 'kind' to form 'unkind'.

6

GROUP - B

1) Differentiate between intensive and extensive reading —

⇒ The primary difference between intensive and extensive reading lies in their purpose, approach, and level of engagement with the text:

1. Intensive Reading :

Purpose : To gain a deeper understanding of the text.

Approach : Focuses on closely analyzing

a short passage or text.

Emphasis :

Involves examining details such as vocabulary, grammar, and structure.

Pace :

Slow and deliberate, often involving repeated readings.

Goal :

To enhance language skills, comprehension, and critical thinking.

use :

Typically used for academic purpose, language learning, or in-depth study.

② Extensive Reading :

Purpose :

To read for general understanding and pleasure.

Approach :

Word on detail.

Emphasis :

Prioritizes overall meaning and enjoyment over detailed analysis.

Pace :

Faster, skimming or scanning through content.

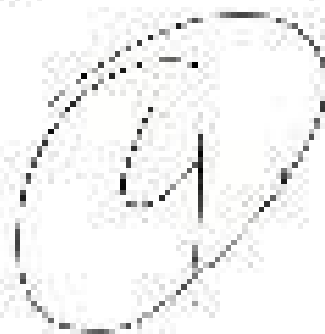
Goal :

To improve reading fluency, build general language competence, and encourage a love of reading.

Use :

often employed for vocational reading or gaining broad knowledge.

In essence, intensive reading is for deep understanding and learning while extensive reading is for broad knowledge exposure and enjoyment.



⇒ Effective communication involves several key components that ensure the message is accurately received, understood, and appropriately acted upon. These components include :-

1. Clarity :

The message should be clear, concise, and free from ambiguity. Avoid jargon or complex language that could confuse the receiver.

2. Active listening :

Actively paying attention to the speaker, providing feedback, and responding appropriately. This involves maintaining eye contact, nodding, and avoiding distractions.

3. Empathy :

Understanding the emotions and perspectives of the other person helps to connect better and communicate in a more personalized manner.

4. Non-verbal communication :

Body language, facial expressions, and gestures, and tone of voice play a critical role in conveying

emotions and intentions.

5. Feedback :

Providing constructive feedback ensures that communication is a two-way process. It helps clarify misunderstandings and confirms that the message was received as intended.

6. Adaptability :

Adjusting ~~your~~ ^{one} communication style based on the audience, context, and medium.

7. Confidence :

Delivering a message assertively and confidently helps convey credibility and trustworthiness.

8. Emotional control :

Staying composed, even in difficult conversations, prevents miscommunication and helps maintain a positive atmosphere.

9. Purpose and structure :

Ensuring the communication has a clear purpose and is logically structured helps the audience follow and retain the message.

4 When these components are combined, communication becomes more effective, leading to better understanding, collaboration, and relationships.

report and contains almost the same information as the cover. The title of the report should convey the area and scope of the project.

Acknowledgements:

In this page the writer expresses gratitude and thanks all those who supported and contributed directly or indirectly in the completion of the project work.

Abstract:

The abstract is required to be a brief summary of the report and should not exceed 200 words. The reader should be able to pick up the main idea of the project, the background, the methodology used, the process followed and the results or outcome of the project.

Main body of the report:

The main body of the report includes three components - Introduction, analysis and conclusion.



- achievements in the job front because stereotypically they are perceived as home makers, his/her sales target distribution in a team-meeting comprising both the sexes is likely to be discriminatory and therefore incomplete.

□ Correctness :

Correctness is communication is about accuracy in encoding. The message must have content that is beyond dispute and substantiated with exact facts and figures.

□ Courtesy :

Poor business etiquettes can discourage customers investors and other audiences and jeopardise in conduct. For example, in a meeting if one is cutting somebody short for no justified reason, it is considered ill-mannered and results in disruption of communication.



GROUP - C

The 7 C's of Communication :

Communication in any sphere of life needs to possess the following qualities in order to make the right impact on the receiver :

□ Clarity :

The message should be clear and comprehensible. For example, if one receives the following mail from the team-leader, one will be in confusion regarding the issue, timing and location of the meeting.

□ Conciseness :

The message to be communicated should be relevant and as brief as possible. Convoluted statements are to be avoided. For instance, instead of stating 'More often than not it has been witnessed that the deadline of ...' we may state 'usually the deadline of ...'

□ Concreteness :

There has been a large decrease in the sales figures and may specify and say "There has been a decrease of 5% in the sales figure."

□ Consideration:

The message must consider the receiver's standing with an empathetic feeling. For example if the ~~is~~ outrightly rebukes the subordinate with "You have let me down, you can never do things right!" the employee might get irredeemably demotivated.

□ Completeness:

During communication is about ~~a~~ the communicator must ensure that the knowledge of the relevant facts and figures but also by being careful of not using discriminatory terms and/or stereotyping while communicating. If, for instance, the manager is prejudiced that women are under

Dumkal College

Department of English

Programme: Add On Course Subject: Communicative English

Session: 2019-2020 Date of Final Examinations – 28/02/2020

Full Marks: 50 Time: 2 Hours

Award List

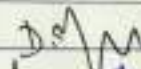
Sl. No.	Name	Marks Obtained	Remarks
01	Ayesha Siddika	27	4 th
02	Nayan Saha	23	
03	Ayub Ali Rahaman	24	
04	Sabnam Kaberi	24	
05	Saheb Mondal	25	
06	Mukammel Hassan	39	1 st
07	Sakil Mondal	23	
08	Motasim Billah	23	
09	Rojina Khatun	24	
10	Sajidur Rahaman	22	
11	Sargen Sarkar	23	
12	Proloy Mondal	24	
13	Sahabul Shah	24	
14	Md Mubile Islam	22	
15	Sabbir Ahamed	24	
16	Simon Parvej	23	
17	Tanjim Mobassir	28	3 rd
18	Tania Akhter	23	
19	Kartick Pal	24	
20	Tanima Biswas	22	
21	Ayesha Khatun	AB	
22	Sinarul Islam	24	
23	Sohel Islam	AB	
24	Sujata Halder	21	
25	Alok Ghosh	26	
26	Samima Akhter	AB	
27	Hawa Khatun	25	
28	Rasijul Modal	23	
29	Rubel Mondal	24	
30	Mahafuja Rausan	21	
31	Mousumi Ghosh	22	
32	Sabnur Khatun	24	
33	Renuka Khatun	32	2 nd
34	Abne Kayum Biswas	23	
35	Rasel Mondal	24	


Signature of Examiner

Signature of Head of the Department
Head of the Department
Dept. of English
Dumkal College, Murshidabad

Statistical Data Analysis Using MS Excel - Session - 2013-2020

Sl. No.	Student Id.	Name	Subject	Signature
1	DCB191247	SAGIR HOSAIN	Geography	Sagir-Hossain
2	DCB191305	PANTU GHOSH	Geography	Pantu Ghosh.
3	DCB191313	UJJAL HALDER	Geography	Ujjal-Helder
4	DCB191306	NAYANI GHOSH	Geography	Nayani Ghosh
5	DCB191301	PARNA CHAKRABORTY	Geography	Parna Chakraborty
6	DCB190913	BIKRAMJIT PRAMANIK	Geography	Bikramjit Pramanik
7	DCB191330	TITHI GHOSH	Geography	Tithi Ghosh
8	DCB191088	RAJIB AHMMED SHAH	Geography	Rajib Ahmmmed Shah
9	DCB191066	KAISAR AHAMMED	Geography	Kaiser Ahmmmed
10	DCB191503	SAMIR KUMAR GHOSH	Geography	Samir Kumar Ghosh
11	DCB191572	SABNAM MUSTARY	Geography	Sabnam Mustary
12	DCB191369	MORJINA KHATUN	Geography	Morjina Khatun
13	DCB191425	HUMAYON MIA	Geography	Mumayyaz Mia
14	DCB191462	GAURAB ROY	Geography	Gaurab Roy
15	DCB191441	SAKIL SK	Geography	Sakil Sk
16	DCB191423	ADITI SAHA	Geography	Aditi Saha
17	DCB190250	JUBAYED BISHWAS	Geography	Jubayed Biswas
18	DCB190262	SUBHADIP MANDAL	Geography	Subhadip Mandal
19	DCB190263	RANA RAHAMAN	Geography	Rana Rahaman
20	DCB190212	MAHAMADUL HASAN MANDAL	Geography	Mohammedul Hasan Mandal
21	DCB190320	ROJA SARKAR	Geography	Roja Sarkar
22	DCB190396	NISHIT MANDAL	Geography	Nishit Mandal
23	DCB190346	MUNMUN YEASMIN	Geography	Munmun Yeasmin
24	DCB190279	SATYAJIT ROY	Geography	Satyejit Roy
25	DCB190013	RAJAN MANDAL	Geography	Rajan Mandal
26	DCB190059	MOUMI PAL	Geography	Moumi Pal


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Sl. No.	Name	SSK	R	SSK	R	SSK	MS	SSK	R	SSK	LR	MS	R	R	SS	LR	BS
		13/19	16/19	12/19	10/19	15/19	21/19	20/19	24/19	25/19	22/19	23/19	30/19	10/19	20/19	8/19	3/19
1.	SAGIR HOSSAIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	PANTU GHOSH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	UJJAL HALDER	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	NAYANI GHOSH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	PARNA CHAKRABORTY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	BIKRAMJIT PRAMANIK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	TITHI GHOSH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	RAJIB AHMMED SHAH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	KAISAR AHAMMED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	SAMIR KUMAR GHOSH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	SABNAM MUSTARY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	MORJINA KHATUN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	HUMAYUN MIA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	GAURAB ROY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	SAKIL SK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16.	ADITI SAHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	JUBAYED BISWAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	SUBHADIP MANDAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	RANA RAHAMAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	MAHAMADUL HASAN MONDAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	ROJA SARKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22.	NISHIT MONDAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23.	MUNMUN YEASMIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

[Signature]
Principal
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Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.P

CB 19 0712 1

Value-added Course Classes Attendance Sheet
Department of Mathematics
Dumkal College



Course Name: Statistical Data Analysis using MS Excel

Session: 2019-20

24.	SATYAJIT ROY	.	.	.	l	l	l	.	.	l	l	l	l	.	.				
25.	RAJAN MONDAL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26.	MOUMI PAL	l	l	l	l	l	.	l	l	l	l	.	.	l	l	l	.	.	.

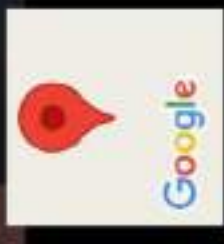
[Signature]
Principal
Dumkal College
Benentapur, Murshidabad.

[Signature]
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.



4G3P+R77, Ramna Etbarnagar
Basantapur, West Bengal 742303,
India

30 Sept 2019 02:58 pm





Dumkal College Department of Mathematics

Value-Added Course Title: Statistical Data Analysis using MS Excel

Session: 2019-2020

Syllabus

1 Introduction to Statistical Data Analysis

- **Overview of Statistics**
 - Definition and importance of statistical analysis
 - Types of data: Quantitative vs. Qualitative
 - Measures of central tendency: Mean, Median, Mode
 - Measures of variability: Range, Variance, Standard Deviation
- **Introduction to Probability**
 - Basic probability concepts and rules
 - Probability distributions: Normal, Binomial, etc.
- **Sampling Techniques**
 - Types of sampling: Random, Stratified, Cluster
 - Importance of sample size in data analysis

2 Basics of Microsoft Excel for Data Analysis

- **Introduction to Microsoft Excel**
 - Overview of Excel interface and functionalities
 - Basic Excel operations: Data input, formatting, and manipulation
- **Excel Formulas and Functions for Data Analysis**
 - Common statistical functions: AVERAGE, MEDIAN, MODE, COUNT, STDEV
 - Using conditional formulas: IF, SUMIF, COUNTIF
- **Data Sorting and Filtering**
 - Sorting data: By columns, custom sorting
 - Filtering data: Applying filters, using advanced filters

3 Data Entry

- **Understanding Data Entry in Excel**
 - Best practices for data entry: Avoiding errors, consistency
 - Data validation: Setting rules for data entry
- **Handling Missing or Incomplete Data**
 - Methods for dealing with missing data
 - Data cleaning techniques: Removing duplicates, correcting errors
- **Organizing Data**
 - Structuring data tables: Proper use of headers and rows
 - Converting text to columns and managing datasets

4 Data Visualization

- **Introduction to Data Visualization**
 - Importance of data visualization in analysis
 - Types of charts and graphs: Line, Bar, Pie, Scatter, etc.
- **Creating Charts in Excel**
 - Inserting and customizing charts
 - Formatting charts: Labels, legends, titles, colors
 - Best practices for effective data visualization

5 Practical Applications

Real-life examples of statistical data analysis using Excel


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Dumkal College
Department of Mathematics

Value-Added Course Title: Statistical Data Analysis using MS Excel

Session: 2019-2020

Course Duration: 30 Hours

Timings: 2 pm - 4 pm

Daily Session Duration: 2 Hours

Time Table

Sl. No.	Date	Day	Time	Venue
1	13.09.2019	Friday	2 PM - 4 PM	Department of Mathematics
2	16.09.2019	Monday	2 PM - 4 PM	Department of Mathematics
3	17.09.2019	Tuesday	2 PM - 4 PM	Department of Mathematics
4	18.09.2019	Wednesday	2 PM - 4 PM	Department of Mathematics
5	19.09.2019	Thursday	2 PM - 4 PM	Department of Mathematics
6	21.09.2019	Saturday	2 PM - 4 PM	Department of Mathematics
7	23.09.2019	Monday	2 PM - 4 PM	Department of Mathematics
8	24.09.2019	Tuesday	2 PM - 4 PM	Department of Mathematics
9	25.09.2019	Wednesday	2 PM - 4 PM	Department of Mathematics
10	27.09.2019	Friday	2 PM - 4 PM	Department of Mathematics
11	30.09.2019	Monday	2 PM - 4 PM	Department of Mathematics
12	01.10.2019	Tuesday	2 PM - 4 PM	Department of Mathematics
13	02.11.2019	Saturday	2 PM - 4 PM	Department of Mathematics
14	08.11.2019	Friday	2 PM - 4 PM	Department of Mathematics
15	09.11.2019	Saturday	2 PM - 4 PM	Department of Mathematics


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Dumkal College
Basanti


Head, Department of
Mathematics



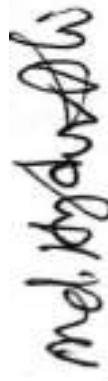
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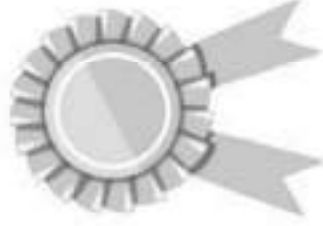
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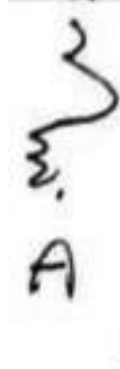
has completed the add-on course/value-added course on "Statistical Data Analysis using MS Excel" organized by the Department of Mathematics, Dumkal College, Murshidabad during the2019-2020.....academic year.

The course covered the fundamentals of statistical data analysis and its application using Microsoft Excel.



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CERTIFICATE OF COMPLETION

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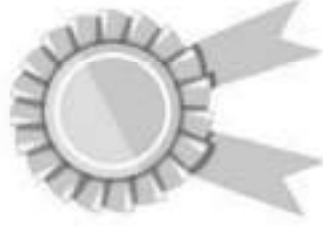
TITHI GHOSH

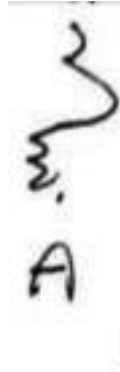
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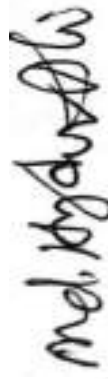
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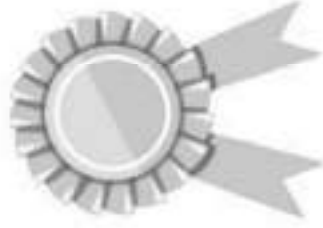
SABNAM MUSTARY

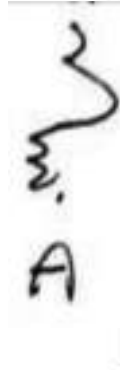
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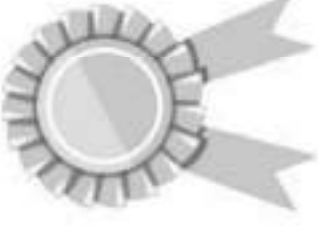
CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

SAKIL SK

has completed the add-on course/value-added course on "Statistical Data Analysis using MS Excel" organized by the Department of Mathematics, Dumkal College, Murshidabad during theacademic year. **2019-2020**

The course covered the fundamentals of statistical data analysis and its application using Microsoft Excel.


Md. Syedurrahman

Head, Department of
Mathematics

D. M. S.

Principal, Dumkal College



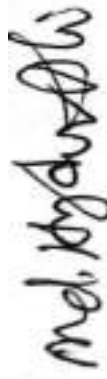
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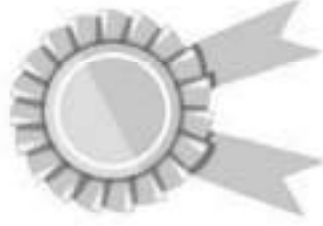
ADITI SAHA

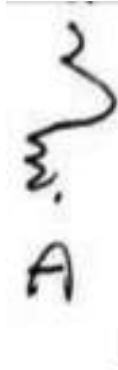
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10/10



Dumkal College Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2019-2020

Full Marks: 10

Time: 30 Min.

Name: Panta Ghosh

Student ID: DB191305

1. What is the importance of data visualization in statistical analysis?

- a) To perform complex calculations
- b) To visualize data trends and patterns
- c) To clean data
- d) To organize data into tables

2. Which of the following measures of variability shows how much values in a dataset differ from the mean?

- a) Mean
- b) Median
- c) Range
- d) Standard deviation

3. Which probability distribution is symmetric and bell-shaped?

- a) Binomial distribution
- b) Normal distribution
- c) Uniform distribution
- d) Poisson distribution

4. Stratified sampling divides the population into:

- a) Equal-sized clusters
- b) Overlapping groups
- c) non-overlapping subgroups
- d) Randomized segments

5. Which Excel function can be used to count cells that meet a specific condition?

- a) SUM
- b) COUNTIF
- c) AVERAGE
- d) VLOOKUP

6. What is the main use of the IF function in Excel?

- a) To sum values
- b) To apply conditional logic
- c) To format text
- d) To filter data

7. Which feature in Excel allows you to filter data based on multiple criteria?

- a) Sorting
- b) Data validation
- c) Conditional formatting
- d) Advanced filtering

D. P. Ghosh
Principal
Dumkal College
Basantapur, Murshidabad

[Signature]
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Dumkal, Murshidabad, W.B.



Dumkal College Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2019-2020

Full Marks: 10

Time: 30 Min.

Name.....

Student ID.....

8. What is data validation in Excel?

- a) A method to calculate averages
- b) A tool to restrict data input to specific criteria
- c) A feature for organizing data
- d) A way to visualize data

9. Which of the following is a common data cleaning technique?

- a) Adding new columns
- b) Creating formulas
- c) Removing duplicates
- d) Formatting cells

10. In Excel, which of the following formatting options is used to highlight trends or patterns in data?

- a) Pivot tables
- b) Conditional formatting
- c) Data validation
- d) Sorting

[Signature]
Principal
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Basantapur, Mumbai

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Head, Department of
Mathematics, Dumkal College
Dumkal, Mumbai

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Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2019-2020

Full Marks: 10

Time: 30 Min.

Name...Tithi Ghosh.....

Student ID...DCB191330.....

1. What is the importance of data visualization in statistical analysis?

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Dumkal, Murshidabad



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Name.....

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- c) Removing duplicates
- d) Formatting cells



10. In Excel, which of the following formatting options is used to highlight trends or patterns in data?

- a) Pivot tables
- b) Conditional formatting
- c) Data validation
- d) Sorting



W.D.M.
Principal
Dumkal College
Basantapur, Murshidabad

[Signature]
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.

10/10



Dumkal College Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2019-2020

Full Marks: 10

Time: 30 Min.

Name: Sabnam Mustary

Student ID: DCB 191572

1. What is the importance of data visualization in statistical analysis?

- a) To perform complex calculations
- b) To visualize data trends and patterns
- c) To clean data
- d) To organize data into tables

2. Which of the following measures of variability shows how much values in a dataset differ from the mean?

- a) Mean
- b) Median
- c) Range
- d) Standard deviation

3. Which probability distribution is symmetric and bell-shaped?

- a) Binomial distribution
- b) Normal distribution
- c) Uniform distribution
- d) Poisson distribution

4. Stratified sampling divides the population into:

- a) Equal-sized clusters
- b) Overlapping groups
- c) non-overlapping subgroups
- d) Randomized segments

5. Which Excel function can be used to count cells that meet a specific condition?

- a) SUM
- b) COUNTIF
- c) AVERAGE
- d) VLOOKUP

6. What is the main use of the IF function in Excel?

- a) To sum values
- b) To apply conditional logic
- c) To format text
- d) To filter data

7. Which feature in Excel allows you to filter data based on multiple criteria?

- a) Sorting
- b) Data validation
- c) Conditional formatting
- d) Advanced filtering

Principal
Dumkal College
Basantapur, Murshidabad

Head, Department of Mathematics
Dumkal College
Dumkal, Murshidabad



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2019-2020

Full Marks: 10

Time: 30 Min.

Name.....

Student ID.....

8. What is data validation in Excel?

- a) A method to calculate averages
- b) A tool to restrict data input to specific criteria
- c) A feature for organizing data
- d) A way to visualize data

9. Which of the following is a common data cleaning technique?

- a) Adding new columns
- b) Creating formulas
- c) Removing duplicates
- d) Formatting cells

10. In Excel, which of the following formatting options is used to highlight trends or patterns in data?

- a) Pivot tables
- b) Conditional formatting
- c) Data validation
- d) Sorting

[Signature]
Principal
Dumkal College
Beantapur, Murshidabad

[Signature]
Head, Department of
Mathematics, Dumkal College
Beantapur, Murshidabad

10/10



Dumkal College Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2019-2020

Full Marks: 10

Time: 30 Min.

Name: Sakil SK

Student ID: DCB 191441

1. What is the importance of data visualization in statistical analysis?

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- d) To organize data into tables

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- d) Advanced filtering

Principal
Dumkal College
Basantapur, Murshidabad

Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2019-2020

Full Marks: 10

Time: 30 Min.

Name.....

Student ID.....

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- d) A way to visualize data



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- c) Data validation
- d) Sorting



L.D.M.
Principal
Dumkal College
Basantapur, Murshidabad

[Signature]
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2019-2020

Full Marks: 10

Time: 30 Min.

Name: Aditi Saha.....

Student ID: DCB191423.....

1. What is the importance of data visualization in statistical analysis?

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- b) To visualize data trends and patterns
- c) To clean data
- d) To organize data into tables



2. Which of the following measures of variability shows how much values in a dataset differ from the mean?

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- b) Median
- c) Range
- d) Standard deviation



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- d) Poisson distribution



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- b) Overlapping groups
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- a) Sorting
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- c) Conditional formatting
- d) Advanced filtering

Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.

Principal
Dumkal College
Basantapur, Murshidabad



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2019-2020

Full Marks: 10

Time: 30 Min.

Name.....

Student ID.....

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- a) A method to calculate averages
- b) A tool to restrict data input to specific criteria
- c) A feature for organizing data
- d) A way to visualize data

-
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- a) Adding new columns
- b) Creating formulas
- c) Removing duplicates
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-



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- a) Pivot tables
- b) Conditional formatting
- c) Data validation
- d) Sorting

-
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-
-



[Signature]
Principal
Dumkal College
Bardhaman

[Signature]
Head, Department of
Mathematics, Dumkal College
Dumkal, Bardhaman

[Signature]
Dumkal, Bardhaman

REGISTER OF ATTEN.

For the Month of

ATTEN.

Serial No.	Roll No.	NAME OF PUPILS	Serial No. & Date of Admission in the Admission Register	ATTEN.																		
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1		Abida Khatun (ENGH)																	1			
2		Amina Sultana (ENGH)																	1			
3		Anisa Khatun (ENGH)																	1			
4		Armina Khatun (ENGH)																	1			
5		Md. Eliya Farvin (ENGH)																	1			
6		Radia Sultana (ENGH)																	1			
7		Riya Sultana (ENGH)																	1			
8		Rupali Khatun (ENGH)																	1			
9		Sabnam Suraiya (ENGH)																	1			
10		Saagita Khatun (ENGH)																	1			
11		Soma Khatun (ENGH)																	1			
12		Abdul Alim (ENGH)																	1			
13		Alimul Islam (ENGH)																	1			
14		Anis Das (ENGH)																	1			
15		Anil Raju Mondal (ENGH)																	1			
16		Erfan Sabzi (ENGH)																	1			
17		Hamim Molla (ENGH)																	1			
18		Kazi Md. Fahim (ENGH)																	1			
19		Lalon Mondal (ENGH)																	1			
20		Md. Selim Ahamed (ENGH)																	1			
21		Nahid Hassan (ENGH)																	1			
22		Naim SK (ENGH)																	1			
23		Pavel Faraz (ENGH)																	1			
24		Promit Mondal (ENGH)																	1			
25		Raj Daroga (ENGH)																	1			
26		Yasin Korais Sarkar (ENGH)																	1			
27		Sabanur Rahman (ENGH)																	1			
28		Rahis Rana (ENGH)																	1			
29		Najmul Abid (ENGH)																	1			
30		Sahab Hossain (PHIH)																	1			
31		Yeakub Mondal (PHIH)																	1			
32		Arifa Sultana (PHIH)																	1			
33		Ayesha Siddika (PHIH)																	1			
34		Humayan Shah (PHIH)																	1			
35		Mominul Mondal (PHIH)																	1			
36		Aliya Khatun (PHIH)																	1			
37		Abdur Rahim (PHIH)																	1			
38		Rahel SK (PHIH)																	1			
39		Rahim Mondal (ENGH)																	1			
40		Umme Salma (BRAM)																	1			
No. Present Daily																						
No. Absent Daily																						
TOTAL																						

Hindus: + Muslims: + Others: + TOTAL:

No. of Free Students: No. of % Free Students:

Register of
**ATTENDANCE
OF PUPILS/STUDENTS**

Name ADD ON COURSE

Subject 2022-2023

Class _____ Section _____

Year 2021-2022

B.B. KUNDU ENTERPRISE

307, M.G. Road, Kolkata 700 007
Tel: 98300 20522, 7003255733

Serial No.	Roll No.	NAME OF PUPILS
1		Abida Khatun (ENGH)
2		Amina Sultana (ENGH)
3		Anisa Khatun (ENGH)
4		Arming Khatun (ENGH)
5		Mst. Eliya Parvin (ENGH)
6		Redia Sultana (ENGH)
7		Riya Sultana (ENGH)
8		Rupali Khatun (ENGH)
9		Sabnam Surriya (ENGH)
10		Sargita Khatun (ENGH)
11		Soma Khatun (ENGH)
12		Abdul Alim (ENGH)
13		Alimul Islam (ENGH)
14		Anis Das (ENGH)
15		Arif Raja Mondal (ENGH)
16		Erfan Sabji (ENGH)
17		Hamim Molla (ENGH)
18		Kazi Md. Fahim (ENGH)
19		Lalon Mondal (ENGH)
20		Md. Selim Ahamed (ENGH)
21		Nahid Hassan (ENGH)
22		Noim SK (ENGH)
23		Pavel Faruq (ENGH)
24		Pranit Mandal (ENGH)
25		Raj Daroga (ENGH)
26		Yasin Korais Sarkar (ENGH)
27		Sabanur Rahaman (ENGH)
28		Rahis Rana (ENGH)
29		Najmul Ahid (ENGH)
30		Sahab Hossain (PHIH)
31		Yeakub Mondal (PHIH)
32		Arifa Sultana (PHIH)
33		Ayesha Siddique (PHIH)
34		Humayan Shah (PHIH)
35		Mominul Mondal (PHIH)
36		Aliya Khatun (PHIH)
37		Abdur Rahim (PHIH)
38		Rahul SK (PHIH)
39		Raihan Mondal (BNGH)
40		Umme Salma (BNGH)

No. Present Daily
 No. Absent Daily
 TOTAL

REGISTER OF ATTEN-

For the Month of

ATTEN-

Roll No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	✓						✓	✓						✓	✓			
2	✓						✓	✓						✓	✓			
3	✓						✓	✓						✓	✓			
4	✓						✓	✓						✓	✓			
5	✓						✓	✓						✓	✓			
6	✓						✓	✓						✓	✓			
7	✓						✓	✓						✓	✓			
8	✓						✓	✓						✓	✓			
9	✓						✓	✓						✓	✓			
10	✓						✓	✓						✓	✓			
11	✓						✓	✓						✓	✓			
12	✓						✓	✓						✓	✓			
13	✓						✓	✓						✓	✓			
14	✓						✓	✓						✓	✓			
15	✓						✓	✓						✓	✓			
16	✓						✓	✓						✓	✓			
17	✓						✓	✓						✓	✓			
18	✓						✓	✓						✓	✓			
19	✓						✓	✓						✓	✓			
20	✓						✓	✓						✓	✓			
21	✓						✓	✓						✓	✓			
22	✓						✓	✓						✓	✓			
23	✓						✓	✓						✓	✓			
24	✓						✓	✓						✓	✓			
25	✓						✓	✓						✓	✓			
26	✓						✓	✓						✓	✓			
27	✓						✓	✓						✓	✓			
28	✓						✓	✓						✓	✓			
29	✓						✓	✓						✓	✓			
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31	✓						✓	✓						✓	✓			
32	✓						✓	✓						✓	✓			
33	✓						✓	✓						✓	✓			
34	✓						✓	✓						✓	✓			
35	✓						✓	✓						✓	✓			
36	✓						✓	✓						✓	✓			
37	✓						✓	✓						✓	✓			
38	✓						✓	✓						✓	✓			
39	✓						✓	✓						✓	✓			
40	✓						✓	✓						✓	✓			

Hindus : + Muslims : + Others : = TOTAL :

No. of Free Students : No. of % Free Students :

REGISTER OF ATTEN-

For the Month of

ATTEN-

Serial No.	Roll No.	NAME OF PUPILS
1		Abida Khatun (ENGH)
2		Amina Sultana (ENGH)
3		Arifa Khatun (ENGH)
4		Armina Khatun (ENGH)
5		Md. Eliya Parun (ENGH)
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22		Noim SK (ENGH)
23		Pavel Faruq (ENGH)
24		Promit Mondal (ENGH)
25		Raj Baroja (ENGH)
26		Yasin Korai's Baroja (ENGH)
27		Sohamur Rahman (ENGH)
28		Rahis Rang (ENGH)
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38		Rahel SK (PHIH)
39		Raihan Mondal (BNGH)
40		Umme Salma (BNGH)
		No. Present Daily
		No. Absent Daily
		TOTAL

Roll No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1								X	X									
2								X	X									
3								X										
4								X										
5								X										
6								X	X									
7								X										
8								X										
9								X										
10								X										
11								X										
12								X										
13								X										
14								X										
15								X	X									
16								X										
17								X										
18								X										
19								X										
20								X	X									
21								X										
22								X										
23								X										
24								X	X									
25								X										
26								X										
27								X										
28								X										
29								X	X									
30								X										
31								X										
32								X										
33								X										
34								X										
35								X										
36								X										
37								X										
38								X										
39								X										
40								X										

Hindus : + Muslims : + Others : = TOTAL :

No. of Free Students : No. of 1/2 Free Students :

REGISTER OF ATTEN-

For the Month of

DANCE C
Decem

ATTEN-

DAN

Sl. No.	Name of Pupil
41	Sanjay Akola (B.N.A.)
42	Savitaben Manojkumar Khutke (B.N.A.)
43	Ujjwal Harshad (B.N.A.)
44	Sonal Khutke (B.N.A.)

Sl. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
41																				
42																				
43																				
44																				

Sl. No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
41																				
42																				
43																				
44																				

No. Present Daily ...
 No. Absent Daily ...
TOTAL ...

Hindus : + Muslims : + Others : = TOTAL :

No. of Free Students : No. of % Free Students :

No. of Working
 Average Daily
 % of Attendance



Latitude: 24.105046
Longitude: 88.535289
Elevation: 52.48±21 m
Accuracy: 53.8 m
Time: 08-12-2021 11:19
Note: Dumkal College basantapur

Powered by NoteCam



Latitude: 24.104432
Longitude: 88.535491
Elevation: 52.48±21 m
Accuracy: 216.7 m
Time: 08-12-2021 11:19
Note: Dumkal College basanapur

Powered by NoteCam

Department of English

Communicative English

Syllabus

Course Title: Communicative English

Course Description: This course focuses on developing students' ability to communicate effectively in English, with an emphasis on practical language use in real-life situations.

Course Objectives:

- Improve speaking, listening, reading, and writing skills in English
- Develop vocabulary and grammar in context
- Enhance communication skills in everyday situations
- Build confidence in using English in social, academic, and professional settings
- To train and prepare the students to seek and find employment in the corporate, media, English language teaching and content writing sectors.
- To impart knowledge, ideas and concepts in the technicalities of proper pronunciation, structure, appropriate use and style of the English Language as well as the application areas of English communication.
- To enable the students to conduct independent surveys, collect and analyze data, prepare and present reports and projects.

Unit 1: Language and Communication

- Introduction to communication
- Importance of communication and effective communication
- Barriers in communication
- Verbal and Non-verbal communication
- Introduction to Language
- Language varieties: standard and non-standard language
- Language change


Head of the Department
Dept. of English
Dumkal College, Murshidabad

Unit -2: Listening skills

- Casual Listening: Listening to announcements and summarizing
- Focused Listening:
 - Listening to announcements for specific information
 - Listening to interviews for specific information
 - Listening to speeches for specific attitudes through intonation patterns
 - Listening to dialogues/conversations for specific speech functions

Unit:3: Speaking Skills

A. Pronunciation

- Vowels
- Diphthongs
- Triphthongs
- Stress-word and sentence stress.
- Rhythm and intonation patterns

B. Accuracy and appropriateness

- Correct use of structure and vocabulary
- Effective use of complex structures
- Appropriate choice of language styles

C. Fluency:

- Naturalness of rhythm and speed
- Coherence in conveying message

Unit-4: Reading Skills

- Reading Comprehension
- Reading Strategies
- Literary Texts
- Knowledge Texts
- Scanning and Skimming
- Intensive and Extensive reading

Unit -5 Writing Skills

- Grammar: Modal verbs, Conjunctions, Active and Passive, message conveyed and distorted

- Personal Writing: Informal letters and Blogging, essays on oneself.
- Business writing: Introduction to professional and organisational writing.
- Writing a project/ fieldwork report: (i) Writing a report on business negotiations, (ii) Summarizing annual report of a company, (iv) Writing minutes of a meeting, (v) Electronics correspondence.

- Style

- Lexis

- Pragmatics

- Context

- Audience

Dumkal College

Department of English

Add-on Course on Communicative English

Session: 2021-2022 (From November, 2021 – February, 2022)

Day	Time	Teachers
Tuesday	10:30-11:30	Abida Sultana
Wednesday	10:30-11:30	Farha Khatun

Expertise Details for Teaching Communicative English (for the Session: 2021-2022)

1. Abida Sultana

State Aided College Teacher (Formerly Guest Lecturer) of Dumkal College

Teaching Experience: 2+ Years

Studied Linguistics as Subsidiary Subject with English Honours in Graduate Level from AMU

WBSET Qualified

2. Farha Khatun

State Aided College Teacher (Formerly Guest Lecturer) of Dumkal College

Teaching Experience: 2+ Years

WBSET Qualified



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **KAZI MD FAHIM** has successfully completed the Add-on course on "*Communicative English*" (Session- 2021-22), organised by the Department of English, Dumkal College with grade **B**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **ANISA KHATUN** has successfully completed the Add-on course on "*Communicative English*" (Session- 2021-22), organised by the Department of English, Dumkal College with grade **B**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **ARIFA SULTANA** has successfully completed the Add-on course on "*Communicative English*" (Session- 2021-22), organised by the Department of English, Dumkal College with grade **B**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College

CERTIFICATE OF
COMPLETION

This is to certify that **MOMINUL MONDAL** has successfully completed the Add-on course on "*Communicative English*" (Session- 2021-22), organised by the Department of English, Dumkal College with grade **C**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC



DUMKAL COLLEGE

Certificate on "Communicative English"
Organised by: Department of English, Dumkal
College



This is to certify that **UMME SALMA** has successfully completed the Add-on course on "*Communicative English*" (Session- 2021-22), organised by the Department of English, Dumkal College with grade **C**.

Signature of Head of the Department

Signature of Principal

Signature of Coordinator, IQAC

DUMKAL COLLEGE, BASANTAPUR

FINAL EXAMINATION -2021-2022

DEPARTMENT OF ENGLISH

ADD ON COURSE

Full Marks -50

Group -A

Answer any five of the following questions: 5x2=10

1. Define effective communication.
2. What is written communication?
3. What is report?
4. Why is the cover page of a report important?
5. What is an abstract of a project report?
6. What is diphthong?
7. What are affixes?
8. Give examples of Non-verbal communication.
9. Define scanning and skimming.
10. What role does body language play in effective communication?

Group -B

Answer any four of the following questions: 4x5=20

1. How do you differentiate between the visual and audio -visual modes of communication?
2. Differentiate between upward and downward communication
3. What are the features of human language?
4. Describe the sections in a project report.
5. Difference between intensive and extensive reading.
6. What are the key components of effective public speaking?

Group -C

Answer any two of the following questions: 2x10=20

1. Discuss how barriers of communication can be removed.
1. Discuss the process of writing a project report.
2. Write a field report on any field trip that you have attended.
3. Discuss the structure of English language at the phonemic level.
4. Elaborate on the 7 C' of communication to show why are they necessary in communication.

Effective Communication:

Effective communication is the process of exchanging or transmitting ideas, information, thoughts, knowledge, data, opinion, or message from the sender through a selected method or channel, to the receiver with a purpose that can be understood with clarity.

Written communication :-

Written communication refers to the process of conveying information, ideas, or thoughts through written words. It involves both using written language to express oneself clearly and effectively to a specific audience.

3. Report :-

A report is a well planned document that describes and evaluate a problem or issue and is frequently used in communication. The format of a report depends on the type of report, the frequency, the audience for whom the report is intended etc.

Group - B

Visual communication and audio-visual communication differ primarily in terms of the senses they engage and the mediums used.

Visual communication:

• Definition:

A form of communication that relies on visual elements to convey messages.

• Mediums:-

Includes images, graphs, diagrams etc.

• Mode of perception:

Relies solely on sight.

• Purpose:

Useful for conveying data, structure, visual appeal.

• Examples:

Slide presentations, photographs, and written content.

8. Non-verbal communication in language, gestures, tone of voice, facial expression, body posture etc. used for conveying information.

9. Skimming :-

Skimming is a reading technique used to get a general overview of a text by quickly reading it and picking out key words and sentences.

Scanning :-

It is used to find specific facts in a text by quickly reading it line by line and looking for key words, dates, names and numbers.

8

Audi-visual communication

• Definition:

A form of communication that uses both sounds, and visual components to deliver a message.

• Mediums:

Combines elements like videos, TV shows, products, with visuals, webinars and animations with voiceovers.

• Mode of perception:

Engages both sight and hearing.

• Purpose:

More dynamic and impactful.

Examples:

Television broadcasts, YouTube videos, etc.

On the other hand, downward communication includes —
Memos, Newsletters, Policy manuals etc.

upward communication aids decision making by providing management with insights ^{from the} ground level.

On the other side, downward communication involves the implementation of decisions made by upper management.

4

Effective communication involves several key components that ensure the message is received, understood, and acted upon. These components include. —

1. clarity:

... should be

Adaptability:

Adjusting one's communication style based on the audience, context and medium (e.g. face to face, written, virtual)

6. Confidence:

Delivering a message assertively and confidently helps convey credibility and trustworthiness.

(2)

Only human beings have the power of speech, differs from the ^{animal} ~~human~~ communication system. ¹ Some characteristic features of human languages

Arbitrariness :-

With the possible exceptions of a few onomatopoeic terms, there is no relationship between a word and its reference. So according to Saussure, the relationship between a word and its meaning is quite arbitrary. For example, the decision that the word 'rose' should refer to a flower of specific kind, there is no scientific or organic about it.

③ Creativity :-

Most of the animals have a few number of messages which are sent in clearly definable circumstances. They are unable to say anything beyond

① Cultural transmission:

Languages are culturally transmitted, as a child he has to learn a language. They cannot be transmitted through heredity. But the animal communication systems are generally inbuilt.

② Reflexiveness:-

By reflexiveness we mean the ability to use the communication to discuss the system itself. This is not the case with the animal communication system.

④

These features are unique to human language only and they are not evident in animal communication system.

Correctness :-

Correctness in communication is about accuracy in encoding. The message must have content that is beyond dispute and substantiated with exact facts and figures.

~~Ambiguity~~ invariably leads to miscommunication.

① Courtesy :

Poor business etiquettes can discourage customers. Etiquettes include proper grooming and attire, ~~avoiding monotone~~, and ~~amiability~~ in conduct.

⑦

Cultural barrier:

This barrier gives rise to prejudice. In a

multi-lingual workplace translating language to obtain intelligibility can lead to miscommunication.

(E) Gender barriers:

Even though men and women share equal stature in workplace have equal knowledge and experience, differing communication styles may create barriers and prevent them from working together effectively. (5)

Group-A

Effective communication definition is the process of exchanging or transmitting ideas, information, thoughts, knowledge, data, opinion, or messages from the sender through a selected method or channel to the receiver with a purpose that can be understood with clarity.

A report is well-planned document that describes and evaluates a problem or issue and is frequently used in communication. The format of a report depends on the type of report, the frequency, the audience for whom the report is intended etc.

The abstract is meant to be a brief summary of the report and should not exceed 200 words. The reader should be able to pick up from the abstract the main aim of the project, the background, the methodology used, the process followed and the results or outcome of the project.

6. A diphthong is a speech sound that combines two vowel sounds into one where the pronunciation glides from one sound to the other within the same syllable. The word "diphthong" comes from the Greek word *diphthongos*, which means "having two sounds".

Example:

The "ou" sound in "Out"

7.

Affix, a grammatical element that is combined with a word, stem, or phrase to produce derived or inflected forms. There are three main types of affixes:

10

prefixes
infixes and
suffixes.

Group-B

Visual communication and Audio-visual elements to convey messages. Communication differs primarily in terms of the senses they engage and the mediums used.

mode of perception: Engages both sight and hearing.

purpose: More dynamic and impactful. often used for storytelling, instruction, entertainment and presentations where a combination of visual and auditory elements enhances understanding.

Examples: Television broadcasts, youtube you tube videos, educational tutorials, and movie trailers.

4

Upward communication and Downward communication are two key directions of communication flow within an organization. Here are the primary differences between them:

1. Definition: -

upward communication: Information flows from subordinates to superiors. Employees communicate their feedback, suggestions, issues, or concerns to higher management.

Downward communication: Information flows

from superiors to subordinates.

Managers communicate policies, instructions, goals, and feedback to the lower-level employees.

2. purpose:

upward communication: Facilitates employee input, feedback, and reporting. It helps management understand the problems, morale, and suggestions of employees.

Downward communication: Aims to direct, instruct or inform subordinates about their tasks, organizational goals, or changes in procedures.

3. Content:-

Upward communication: Typically includes performance reports, grievances, feedback, job-related challenges, and employee suggestions.

Downward communication: Includes job instructions, work expectations, organizational policies, decisions and performance feedback.

7. Examples :-

Upward communication: Employee surveys, suggestion boxes, status reports, one-on-one meetings.

Downward communication: Memos, newsletters, performance appraisals, policy manuals, or departmental meetings. (4)

Effective communication involves several components that ensure the message is accurately received, understood, and appropriately acted upon. These components include:

1. Clarity:

The message should be clear, concise and free from ambiguity. Avoid jargon or complex languages that could confuse the receiver.

2. Active Listening:

Actively paying attention to the speaker, providing feedback, and responding appropriately. This involves maintaining eye contact, nodding, and avoiding distractions.

3. Empathy:

Understanding the emotions and perspectives of the other person helps to connect better and communicate in a more personalized manner.

4. Non-Verbal communication:-

Body language, facial expressions, gestures, and tone of voice play a critical role in conveying emotions and intentions.

5. Feedback:-

It helps clarify misunderstandings and confirms that the message was received as intended.

6. Adaptability:-

Adjusting your communication style based on the audience, context and medium.

7. Open minded :-

Being open minded to different viewpoints and willing to adapt message based on feedback is

These are more another components used in effective public speaking.

When these components are combined, communication becomes more effective, leading to better understanding, collaboration and relationship.

(4)

~~Barriers to communication can hinder effective exchange of ideas, receive.~~

P The primary difference between intensive and extensive reading lies in their purpose, approach, and levels of engagement with the text:

1. Intensive Reading: -

Purpose: To gain a deeper understanding of the text.

Approach: Focuses on closely analyzing a short passage or text.

Emphasis: Involves examination details such as vocabulary, grammar and structure.

Pace: Slow and deliberate, often involving repeated readings.

Goal: To enhance language skills, comprehension, and critical thinking.

Use: Typically used for academic purposes, language learning, or in depth study.

2. Extensive Reading: -

Purpose: To read for general understanding and pleasure.

Approach: covers longer texts, such as books or articles, without focusing on every word or detail.

Emphasis: prioritizes overall meaning and enjoyment over detailed analysis.

Pace: faster, skimming or scanning through content.

Goal: To improve reading fluency, build general language competence, and encourage a love of reading.

Use: often employed for recreational reading or gaining broad knowledge.

In essence, intensive is for deep understanding and learning, while extensive reading is broad exposure and enjoyment.

Group - c

A project report is a formal document to record the entire process that has gone into the completion of a project and is intended for a specific audience.

There are several steps to facilitate a write a project report.

(i) Understanding the Objectives of the report: -

A clear understanding of the objective or purpose of the report helps the writer stay focused. Knowing the audience or the intended readers of the report also helps while writing the report.

Gathering, Organising and analysing information:

Depending on how much detail is required in the report, information is gathered from primary sources (books, websites) and secondary sources (interviews, questionnaires). Information collected is checked for relevance to the report so that the

Check carefully for grammatical and spelling errors, as well as any instances of plagiarism that may have crept in. Pay attention to the presentation of the report.

Check for numbering of sections, to pages and appendices.

Only when you are convinced that the report is error-free should the report go for printing.

7

1. Effective communication Definition is the process of exchanging or transmitting ideas information, thoughts, knowledge, data, opinion, or messages from the sender through a selected method or channel to the receiver with a purpose that can be understood with clarity.
2. Written communication refers to the process of conveying information, ideas, or thought through written words. It involves using written language to express oneself clearly and effectively to a specific audience.
3. A report is a well-planned document that describes and evaluates a problem or issue and is frequently used in communication. The format of a report depends on the type of report, the frequency, the audience for whom the report is intended etc.
4. The

readers first. An attractive cover leads
The reader to form a positive impression
about the report and the writer. The cover
Should indicate the title of the project.
The name of the author(s), the receiving
authority (the university / department /
organisation to whom the report is submitted
and date / number of the report.

The abstract is meant to be a brief
summary of the report and should not
exceed 200 words. The reader should be
able to pick up from the abstract
The main aim of the project, the back
ground, the methodology used, the process
followed and the results or outcome
of the project.

Group - B

10

Visual communication and Audio
visual communication differs primarily
in terms of the senses they engage
and the mediums used.

1. Visual communication
Definition communication that relies

on visual elements to convey messages
medium: Includes images, charts, graphs,
diagrams, posters, symbols, infographics
and written text. mode of perception:

Relies solely on sight.

Purpose: Useful for conveying data, structure
or visual appeal. It is commonly used in
advertising, presentations, and instructio-
nal materials.

Example:- Slide presentations, photographs
Digital advertisements, and written
content.

(ii) Audio-visual communication.

Definition: A form of communication
that uses both sound and visual com-
ponents to deliver a message.

mediums: combines elements like videos
films, TV shows, podcasts with visuals
webinars, and animations with voiceo-
vers.

mode of perception: Engages both
sight and hearing.

Purpose: more dynamic and impactful
often used for storytelling

entertainment, and presentations where a combination of visual and auditory elements enhances understanding.

Example:- The Television broadcasts, YouTube videos, Educational tutorials, and movie trailers

3

2. Upward Communication and Downward Communication are two key Direction of Communication flow within an organization, Here are the primary Differences of Communication flow. with

1. Definition: Upward communication: Information flows from subordinates to superiors. Employees communicate within an organization. Here are the primary Difference between them.

5

Purpose :- Upward communication facilitates employees input feedback and reporting. It helps management understand the problems, moral, and suggestions of employees.

③ Downward communication: facilitates employee input, feedback, and reporting. It helps management understand the problems, morale, and suggestions of employees. Downward communication: Aims to direct, instruct, or inform subordinates about their tasks, organizational

3. Content: upward communication: typically includes performance report, grievance and employee suggestions. Job-related challenges. Downward communication: includes

Job instructions, work expectations, organizational policies, decisions, and performance feedback.

4. Nature: upward communication is often more formal and structured as subordinates may be cautious in conveying information to superiors. Downward communication: generally directive and may be more informal, as it is intended to instruct or share.

5. Initiation: upward communication often more formal and structured

Downward Communication: initiated by employees or lower-level staff. Downward communication.

Downward Communication: Generally Directive and may be more informal, as it is. Intended to communicate instructions or share information

Downward Communication: primarily for involves the implementation of decisions made by upper management

1. Example: - upward communication - upward communication. Employee surveys, suggestion boxes, status reports, or one-on-one meetings

Downward Communication: - memos newsletters, performance appraisals policy manuals or departmental meetings

Downward communication (4) memos newsletters, performance appraisals, policy manuals or departmental meetings

GROUP - A

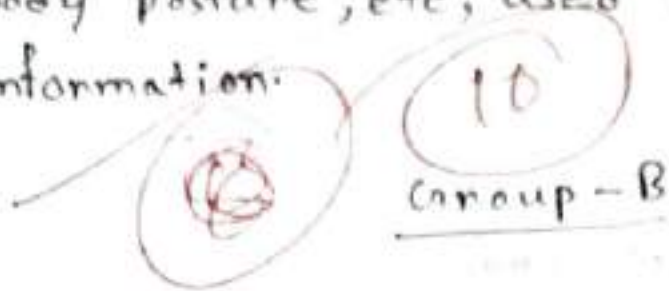
1. The six close vowels in English are —
 - Close front unrounded vowel [i]
 - Close front compressed vowel [ɪ]
 - Close central unrounded vowel [ɨ]
 - Close central protruded vowel [ɨɨ]
 - Close back unrounded vowel [ɯ]
 - Close back protruded vowel [u]

3. The cover of the report is what catches the attention of the reader first. An attractive cover leads the reader to form a positive impression about the report and the written. The cover should indicate the title of the project, the name of the author(s) the receiving authority (the university / department / organisation to whom the report is submitted) and date / number of the report.

5. Affix, a grammatical element that is combined with a word, stem, or phrase to produce derived or inflected forms. There are three main types of affixes: Prefixes, infixes and suffixes.

8. Body language plays a significant role in communication, helping to convey emotions and intentions that words alone may not be able to express.

6. Non-verbal communication is body language, gestures, tone of voice, facial expressions, body posture, etc, used for conveying information.



5. Effective communication involves several key components that ensure the message is accurately received understood, and appropriately acted upon. These components include: —

- Clarity — The message should be clear, concise and free from ambiguity. Avoid jargon or complex language that could confuse the receiver.
- Active Listening — Actively paying attention to the speaker, providing feedback and responding appropriately. This involves maintaining eye contact, nodding and avoiding distractions.
- Empathy — Understanding the emotions and perspectives of the other person helps

to connect better and communicate in a more personalized manner.

• Non-Verbal communication - Body language facial expressions, gestures, and tone of voice play a critical role in conveying emotions and intentions.

• Feedback - Providing constructive feedback ensures that communication is a two-way process - It helps clarify misunderstandings and confirms that the message was received as intended.

4 • Adaptability - Adjusting your communication style based on audience, context and medium. (e.g. face-to-face written, virtual)

• Confidence - Delivering a message assertively and confidently helps convey credibility and trustworthiness.

when these components are combined, communication becomes more effective and leads to better understanding.

4. The primary difference between intensive and extensive reading lies in their purpose, approach and level of engagement with the text: —

• Intensive Reading —

Purpose — To gain a deeper understanding of the text.

Approach — Focuses on closely analyzing a short passage or text

emphasis — involves examining details such as vocabulary, grammar and structure.

• Extensive Reading —

Purpose — To read for general understanding and pleasure

Approach — Covers longer texts, such as books or articles.

Emphasis — Prioritizes overall meaning and enjoyment over detailed

Casual Listening

- Goal - Enjoyment, relaxation, background noise.
- Focus - not focused on details
often listening passively
- Level of effort - Low, requires
little mental engagement

Extensive listening

- Goal - understanding & learning, gaining knowledge on information.
- Focus - Highly focused, actively processing the message.
- Level of effort - High, requires
sing

① Effective communication definition is the process of exchanging or transmitting ideas, information, thoughts, knowledge, data, opinion, or messages from the sender through a selected method or channel to the receiver with a purpose that can be understood with clarity.

⑦ Affix, a grammatical element that is combined with a word, stem, or phrase to produce derived or inflected forms. There are three main types of affixes: prefixes, infixes and suffixes.

⑨ Skimming and scanning are reading techniques that help you read more quickly and effectively by using rapid eye movement and keywords.

Skimming:-
used to get a general overview of a text by quickly reading it and picking out key words and sentences.

Scanning:-
Used to get a find specific facts in a text by quickly reading it line by line and looking for key words, dates, names, and numbers.

④ A report is a well-planned document that describes and evaluates a problem, or issue, and is frequently used in communication. The format of a report depends on the type of report, the frequency, the audience for whom the report is intended etc.

⑤ Non-verbal communication is body language, gestures, tone of voice, facial expressions, body posture, etc, used for conveying information.

Group-B

③ Human beings only have the power of speech and human languages differ from the system of animal communication in many ways. Some characteristic features of human language are listed by Hockett (1953).

Duality of structure:-

Human language displays two levels of patterning (a) where, at the primary level, meaningless units are combined to form meaningful, but arbitrary signs and (b) at the secondary level, these signs in turn are recombined to form new meanings.

ful message units.

Arbitrariness :-

With the possible exception of a few onomatopoeic forms, there is no natural connection between a word and its reference in human languages. So, according to Chomsky, the relation between words and their meanings is quite arbitrary.

Creativity :-

Most animals have a fixed number of messages which are sent in clearly definable circumstances. They are unable to say anything new. Human beings, on the other hand, can produce and understand infinite number of utterances which they have never produced or heard before.

Interchangeability :-

All members of the human species can send and receive same messages.

This is not the case with the animal communication system.

Cultural transmission :-

Languages are culturally transmitted, as a child has to learn a language. They cannot be transmitted through

heredity. But the animal communication systems are genetically inbuilt.

Displacement

A human being can refer to events remote in space and time. Animals cannot communicate about imaginary past or future which human are able to do with language.

Specialization

Human beings can talk while engaged in activities totally unrelated to the subject under discussion. For example, they can talk about cricket while cutting vegetables.

Reflexiveness

By reflexiveness we mean the ability to use the communication system to discuss the system itself. This is not possible for the animals.

Thus, these features are unique to human language only and they are not evident in animal communication systems.

4

voiceovers.

Mode of Perception:

Engages both sight and hearing.
purpose: More dynamic and impactful.
often used for storytelling, instruction, entertainment, and presentations where a combination of visual and auditory elements enhances understanding.

Examples: Television broadcasts, YouTube videos, educational tutorials, and movie trailers.

Effective Communication involves several key components that ensure the message is accurately received, understood, and appropriately acted upon. These components include —

Clarity:

The message should be clear, concise, and free from ambiguity. Avoid jargon or complex languages that could confuse the receiver.

Active listening:

Actively paying attention to the speaker, providing feedback and responding appropriately. This involves maintaining eye contact

minimizing and voiding distractions.

Empathy :-

Understanding the emotions and perspectives of the other person helps to connect better and communication in a more personalized manner.

Non-Verbal Communication :-

Body language, facial expressions, gestures and tone of voice play a critical role in conveying emotion and intentions.

Adaptability :-

Adjusting your communication style based on the audience, context and medium.

Confidence :-

Delivering a message assertively and confidently helps convey credibility and trustworthiness.

Emotional Control :-

Staying composed, even in difficult conversations, prevents miscommunication and helps maintain a positive atmosphere.

Open-mindedness :-

Being open to different viewpoints helps convey the message.

based on feedback is crucial for effective communication.

3

Intensive Reading :-

purpose :- To gain a deeper understanding of the text.

Approach :- Focuses on closely analyzing a short passage or text.

Emphasis :- Involves examining details such as vocabulary, grammar and structure.

pace :- Slow and deliberate, often involving repeated readings.

Goal :- To enhance language skills, comprehension, and critical thinking.

Use :- Typically used for academic purpose, language, or in-depth study.

Extensive Reading :-

purpose :- To read for general understanding and pleasure.

Approach :-

Covers longer texts, such as books or articles, without focusing on every word or detail.

4

Dumkal College

Department of English

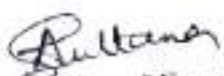
Programme: Add On Course Subject: Communicative English

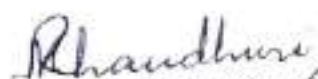
Session: 2021-2022 Date of Final Examinations - 26/02/2022

Full Marks: 50 Time: 2 Hours

Award List

Sl. No.	Name	Marks Obtained	Remarks
01	Abida Khatun	23	
02	Aminu Sultana	25	
03	Anisa Khatun	33	2 nd
04	Armina Khatun	27	
05	Eliya Parvin	26	
06	Radia Sultana	24	
07	Riya Sultana	25	
08	Rupali Khatun	24	
09	Sabnam Suraiya	23	
10	Sangeeta Khatun	25	
11	Soma Khatun	27	
12	Abdul Alim	26	
13	Alimul Islam	25	
14	Anis Das	25	
15	Arif Reja Mondal	26	
16	Erfan Sabji	27	
17	Hamim Molla	25	
18	Kazi Md Fahim	36	1 st
19	Lalon Mondal	26	
20	Md Selim Ahammed	27	
21	Nahid Haassan	25	
22	Noim Sk	24	
23	Pavel Parvej	25	
24	Promit Mondal	24	
25	Raj Daroga	26	
26	Yasin Korais Sarkar	26	
27	Sahanur Rahaman	25	
28	Rahis Rana	24	
29	Najmul Abid	24	
30	Saheb Hossain	25	
31	Yeakub Mondal	25	
32	Arifa Sultana	32	3 rd
33	Ayesha Siddika	26	
34	Humayun Shah	25	
35	Mominul Mondal	28	
36	Abdur Rahim	23	
37	Rahul Sk	22	
38	Raihan Mondal	28	
39	Umme Salma	24	
40	Sajab Akter	23	
41	Sardatun Moontaha Khatun	25	
42	Sonali Khatun	27	
43	Aliya Khatun	26	
44	Ikbal Hossain	22	


Signature of Examiner


Signature of Head of the Department
Head of the Department
Dept. of English
Dumkal College, Murshidabad

Statistical Data Analysis Using MS Excel - Session - 2021-2022

Sl. No.	Student ID	Name	Subject	Signature
1	DCB212284	SAMSUL MOLLA	Geography	Samsul molla
2	DCB212270	ANANYA PRAMANIK	Geography	Ananya Pramanik
3	DCB212485	SUJOY HALDER	Geography	Sujay Halder
4	DCB213128	ARPITA BISWAS	Geography	Arpita Biswas
5	DCB211607	RAHUL MANDAL	Geography	Rahul Mandal
6	DCB211742	SHUBHADIP SAHA	Geography	Shubhadip Saha
7	DCB211350	DISHA MONDAL	Geography	Disha Mondal
8	DCB211405	SOURAV MIA	Geography	Sourav Mia
9	DCB211422	HAFIJ ASAD	Geography	Hafiz Asad
10	DCB211508	MAHFUJ HASSAN	Geography	Hafiz Hassan
11	DCB211567	RIYA KHATUN	Geography	Riya Khatun
12	DCB212205	RUPA KHATUN ANSARY	Geography	Rupa Khatun Ansary
13	DCB212669	RIMON SK	Geography	Rimon sk
14	DCB211997	ROMIO MONDAL	Geography	Romia Mondal
15	DCB213378	NABIN GHOSH	Geography	Nabin Ghosh
16	DCB215640	SAHIR AHMED	Geography	Sahir Ahmed
17	DCB214240	BITTU BISWAS	Geography	Bittu Biswas
18	DCB214138	ASHIYA KHATUN	Geography	Ashiya Khatun
19	DCB214178	NEHA KHATUN	Geography	Neha Khatun
20	DCB215147	RAIMA AFJAL	Geography	Raima Afjal
21	DCB215139	RIMPA HALDER	Geography	Rimpa Halder
22	DCB215008	SUPRIYA GHOSH	Geography	Supriya Ghosh
23	DCB215021	SWAPNA BISWAS	Geography	Swapna Biswas
24	DCB214700	BITHI KHATUN	Geography	Bithi Khatun


Principal
Dumkal College
Basantapur, Kanchidobad


Head, Department of
Mathematics, Dumkal College
Dumkal, Jharkhand, W.B.

Value-added Course Classes Attendance Sheet
 Department of Mathematics
 Dumkal College

Course Name: Statistical Data Analysis using MS Excel

Session: 2021-22



Sl. No.	Name	Date						
		21 ⁰⁴ / ₂₁	22 ⁰⁴ / ₂₂	23 ⁰⁴ / ₂₁	26 ⁰⁴ / ₂₁	27 ⁰⁴ / ₂₁	30 ⁰⁴ / ₂₁	20 ⁰⁴ / ₂₁
1.	SAMSUL MOLLA	P	.	.	.	P	P	P
2.	ANANYA PRAMANIK	P	P	P	P	P	P	P
3.	SUJOY HALDER	P	.	.	.	P	.	.
4.	ARPITA BISWAS	P	P	P	P	P	P	P
5.	RAHUL MANDAL	P	.	P	P	P	P	P
6.	SHUBHADIP SAHA	P	.	P	P	P	P	P
7.	DISHA MONDAL	P	.	P	P	P	P	P
8.	SOURAV MIA	P	P	P	.	P	P	.
9.	HAFU ASAD	P	.	P	P	P	.	P
10.	MAHFUJ HASSAN	P	P	P	.	P	P	P
11.	RIYA KHATUN	P	P	P	P	P	P	.
12.	RUPA KHATUN ANSARY	.	P	.	.	P	P	P
13.	RIMON SK	P	.	P	.	.	.	P
14.	ROMIO MONDAL	.	P	.	P	P	P	P
15.	NABIN GHOSH	.	P	P	.	P	P	.
16.	SABIR AHMED	P	.	P	P	P	P	P
17.	BITTU BISWAS	P	P	.	P	P	P	P
18.	ASHIYA KHATUN	.	P	P	P	P	P	.
19.	NEHA KHATUN	.	P	P	P	P	.	P
20.	RAIMA AFJAL	P	.	P	P	.	P	P
21.	RIMPA HALDER	P	P	P	.	P	P	P
22.	SUPRIYA GHOSH	.	P	P	P	P	.	P
23.	SWAPNA BISWAS	.	P	P	P	P	.	P
24.	BITHI KHATUN	P	.	P	P	P	P	P

[Signature]
 Principal
 Dumkal College
 Basantapur, Murshidabad.

[Signature]
 Head, Department of
 Mathematics, Dumkal College
 Dumkal, Murshidabad, W.B.



4G3P+R77, Ramna Etbarnagar
Basantapur, West Bengal 742303,
India

23 Apr 2022 02:21 pm



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Dumkal College
Department of Mathematics

Value-Added Course Title: Statistical Data Analysis using MS Excel

Session: 2021-2022

Syllabus

1 Introduction to Statistical Data Analysis

- **Overview of Statistics**
 - Definition and importance of statistical analysis
 - Types of data: Quantitative vs. Qualitative
 - Measures of central tendency: Mean, Median, Mode
 - Measures of variability: Range, Variance, Standard Deviation
- **Introduction to Probability**
 - Basic probability concepts and rules
 - Probability distributions: Normal, Binomial, etc.
- **Sampling Techniques**
 - Types of sampling: Random, Stratified, Cluster
 - Importance of sample size in data analysis

2 Basics of Microsoft Excel for Data Analysis

- **Introduction to Microsoft Excel**
 - Overview of Excel interface and functionalities
 - Basic Excel operations: Data input, formatting, and manipulation
- **Excel Formulas and Functions for Data Analysis**
 - Common statistical functions: AVERAGE, MEDIAN, MODE, COUNT, STDEV
 - Using conditional formulas: IF, SUMIF, COUNTIF
- **Data Sorting and Filtering**
 - Sorting data: By columns, custom sorting
 - Filtering data: Applying filters, using advanced filters

3 Data Entry

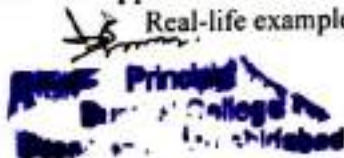
- **Understanding Data Entry in Excel**
 - Best practices for data entry: Avoiding errors, consistency
 - Data validation: Setting rules for data entry
- **Handling Missing or Incomplete Data**
 - Methods for dealing with missing data
 - Data cleaning techniques: Removing duplicates, correcting errors
- **Organizing Data**
 - Structuring data tables: Proper use of headers and rows
 - Converting text to columns and managing datasets

4 Data Visualization

- **Introduction to Data Visualization**
 - Importance of data visualization in analysis
 - Types of charts and graphs: Line, Bar, Pie, Scatter, etc.
- **Creating Charts in Excel**
 - Inserting and customizing charts
 - Formatting charts: Labels, legends, titles, colors
 - Best practices for effective data visualization

5 Practical Applications

Real-life examples of statistical data analysis using Excel



*Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.*



Dumkal College
Department of Mathematics

Value-Added Course Title: Statistical Data Analysis using MS Excel

Session: 2021-2022

Course Duration: 07 days

Timings: 2 pm - 4 pm

Daily Session Duration: 2 Hours

Time Table

Sl. No.	Date	Day	Time	Venue
1	21.04.2022	Thursday	2 PM - 4 PM	Department of Mathematics
2	23.04.2022	Saturday	2 PM - 4 PM	Department of Mathematics
3	25.04.2022	Monday	2 PM - 4 PM	Department of Mathematics
4	26.04.2022	Tuesday	2 PM - 4 PM	Department of Mathematics
5	27.04.2022	Wednesday	2 PM - 4 PM	Department of Mathematics
6	30.04.2022	Saturday	2 PM - 4 PM	Department of Mathematics
7	20.06.2022	Monday	2 PM - 4 PM	Department of Mathematics


Principal
Dumkal College
Jusantapur, Murshidabad


Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.



CERTIFICATE OF COMPLETION

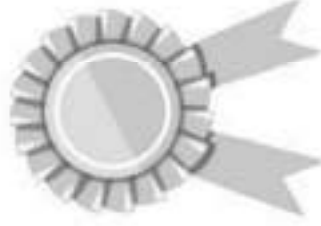
THIS IS TO CERTIFY THAT

SAMSUL MOLLA

has completed the add-on course/value-added course on "Statistical Data Analysis using MS Excel" organized by the Department of Mathematics, Dumkal College, Murshidabad during theacademic year. **2021-2022**

The course covered the fundamentals of statistical data analysis and its application using Microsoft Excel.

**Head, Department of
Mathematics**



Principal, Dumkal College



CERTIFICATE OF COMPLETION

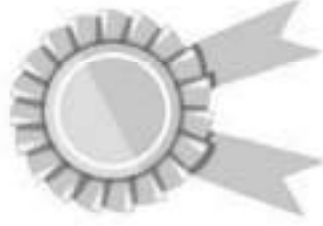
THIS IS TO CERTIFY THAT

RAHUL MANDAL

has completed the add-on course/value-added course on "Statistical Data Analysis using MS Excel" organized by the Department of Mathematics, Dumkal College, Murshidabad during theacademic year. **2021-2022**

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**Head, Department of
Mathematics**



Principal, Dumkal College



CERTIFICATE OF COMPLETION

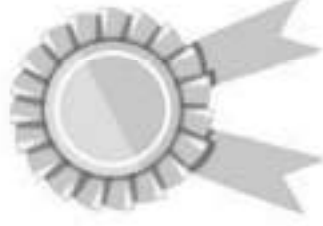
THIS IS TO CERTIFY THAT

SOURAV MIA

has completed the add-on course/value-added course on "Statistical Data Analysis using MS Excel" organized by the Department of Mathematics, Dumkal College, Murshidabad during theacademic year. **2021-2022**

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**Head, Department of
Mathematics**



Principal, Dumkal College



CERTIFICATE OF COMPLETION

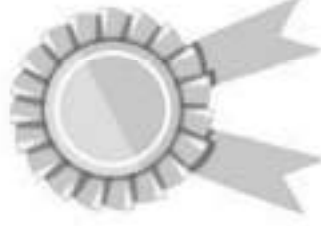
THIS IS TO CERTIFY THAT

HAFIJ ASAD

has completed the add-on course/value-added course on "Statistical Data Analysis using MS Excel" organized by the Department of Mathematics, Dumkal College, Murshidabad during theacademic year. **2021-2022**

The course covered the fundamentals of statistical data analysis and its application using Microsoft Excel.

Head, Department of
Mathematics



Principal, Dumkal College



CERTIFICATE OF COMPLETION

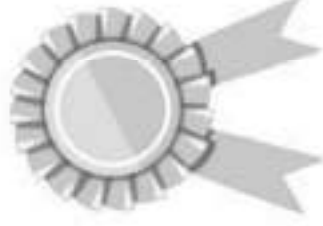
THIS IS TO CERTIFY THAT

SUJOY HALDER

has completed the add-on course/value-added course on "Statistical Data Analysis using MS Excel" organized by the Department of Mathematics, Dumkal College, Murshidabad during theacademic year. **2021-2022**

The course covered the fundamentals of statistical data analysis and its application using Microsoft Excel.

**Head, Department of
Mathematics**



Principal, Dumkal College

10/10



Dumkal College Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2021-2022

Full Marks: 10

Time: 30 Min.

Name: Samsul Molla

Student ID: DCB212284

1. Which of the following is NOT a measure of central tendency?

- a) Mean
- b) Mode
- c) Range
- d) Median

2. What does the range measure in a dataset?

- a) The average value
- b) The difference between the highest and lowest values
- c) The frequency of a value
- d) The spread of all values around the mean

3. Which probability rule states that the probability of all possible outcomes must sum to 1?

- a) Addition rule
- b) Multiplication rule
- c) Complement rule
- d) Total probability rule

4. In a random sampling method, what is true about each individual's probability of being selected?

- a) Each individual has a 50% chance of being selected
- b) Each individual has an equal chance of being selected
- c) Each individual is selected based on stratification
- d) Individuals are grouped based on characteristics

5. The MEDIAN function in Excel is used to find the:

- a) Sum of values in a range
- b) Middle value in a sorted range
- c) Most frequent value in a range
- d) Maximum value in a range

6. Which Excel feature allows you to organize data in ascending or descending order?

- a) Sorting
- b) Filtering
- c) Pivot Tables
- d) Conditional Formatting

7. What is the purpose of structuring data tables in Excel?

- a) To improve visual appeal
- b) To ensure proper data organization and analysis
- c) To prevent data entry
- d) To create charts automatically

Samsul Molla
Head, Department of
Mathematics, Dumkal College
Bardhaman, Murshidabad, W.B.

Dumkal College
Bardhaman, Murshidabad



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2021-2022

Full Marks: 10

Time: 30 Min.

Name.....

Student ID.....

8. Which of the following chart types is best suited for showing the relationship between two variables?

- a) Line chart
- b) Pie chart
- c) Scatter plot
- d) Bar chart



9. What is the purpose of formatting a chart's labels, legends, and titles in Excel?

- a) To change data values
- b) To enhance clarity and presentation of data
- c) To remove errors
- d) To filter data



10. A real-life example of statistical data analysis using Excel could include:

- a) Sales trend analysis
- b) Movie reviews
- c) Editing documents
- d) Building websites



Principal
Dumkal College
Banshiapat, Murshidabad

Principal
Dumkal College
Banshiapat, Murshidabad

Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.

Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.

10
10



Dumkal College Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2021-2022

Full Marks: 10

Time: 30 Min.

Name: Rahul Mandal

Student ID: DCB 211607

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Dumkal College
Basantapur, Murshidabad

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Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2021-2022

Full Marks: 10

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Principal
Dumkal College
Basantapur, Murshidabad

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Dumkal, Murshidabad, W.B.



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2021-2022

Full Marks: 10

Time: 30 Min.

Name... Sourav Mia

Student ID... DCB 211405

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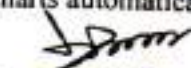
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Dumkal College
Baranagar, Murshidabad


Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2021-2022

Full Marks: 10

Time: 30 Min.

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Student ID.....

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[Handwritten signature]
Principal
Dumkal College
Dumkal, Murshidabad

[Handwritten signature]
Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.

10/10



Dumkal College Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2021-2022

Full Marks: 10

Time: 30 Min.

Name: Hafij Asad

Student ID: DCB 211422

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Principal
Dumkal College
Basantapur, Murshidabad

Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad, W.B.



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2021-2022

Full Marks: 10

Time: 30 Min.

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Student ID.....

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Principal
Dumkal College
Basantapur, Murshidabad

[Handwritten signature]
Head, Department of
Mathematics, Dumkal College
Basantapur, Murshidabad, W.B.

[Handwritten signature]
Dumkal College
Basantapur, Murshidabad

10/10



Dumkal College Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2021-2022

Full Marks: 10

Time: 30 Min.

Name: Sujoy Halder

Student ID: DCB212485

1. Which of the following is NOT a measure of central tendency?

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[Handwritten Signature]
Major, Department of
Mathematics, Dumkal College,
Dumkal, Murshidabad, W.B.

[Handwritten Signature]
Principal,
Dumkal College,
Dumkal, Murshidabad, W.B.

[Handwritten Signature]
Principal
Dumkal College
Dumkal, Murshidabad



Dumkal College
Department of Mathematics

Evaluation for the Value-Added Course on "Statistical Data Analysis using MS Excel"
Session: 2021-2022

Full Marks: 10

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Name.....

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Principal
Dumkal College
Basantapur, Murshidabad

Head, Department of
Mathematics, Dumkal College
Dumkal, Murshidabad W.B.



9153549620

dumkalcollege@gmail.com

DUMKAL COLLEGE

P.O-Basantapur, P.S-Dumkal, Dist.-Murshidabad, West Bengal, PIN-742406

(Govt.Aided, affiliated to the: University of Kalyani Included under section 2(f) & 12 (B) of UGC Act.)

Department of Commerce

Add on course in- "Basics of Income Tax"

Date: 18/04/2022 to 25/04/2022

Sl No.	Signature of Participants
1	Boni Amin
2	Jaitun Nisha
3	Md. Hafizur Rahaman
4	Samir Mandal
5	Iktbal Hossain
6	Sajab Akter
7	Iskand Haldar
8	Iktbal Hossain Mandal
9	Masud Kabir
10	Mohmodul Hassan

Signature of Head of the Department
Head of the Department
Dept of Commerce
Dumkal College, Murshidabad

Speaker's Signature

Md. Hossain
Debasis Bandyopadhyay

Signature of Principal

Principal
Dumkal College, Basantapur
Dumkal, Murshidabad



D. M.
Head of the Department
Dept. of Commerce
Bunkal College, Murshidabad



9153549620

dumkalcollege@gmail.com

DUMKALCOLLEGE

P.O-Basantapur, P.S-Dumkal, Dist.-Murshidabad, West Bengal, PIN-742406

(Govt.Aided, Affiliated to the: University of Kalyani Included under section 2(f) & 12 (B) of UGC Act.)

DEPARTMENT OF COMMERCE

Title of Add-on-Course: Basics of Income Tax

Course Overview:

The course intends to impart knowledge on the practical aspects direct taxes to fulfill the needs of all types of taxpayers. It provides basic theoretical knowledge on the taxation provisions as per Income Tax Acts, 1961 (as per latest amendment) It also provides a practical orientation of computation of income under different heads of income along with the process of filing of return to the appropriation portal with the help of open sources software provided by the Government. At the same time the course also intends to provide assistance for proper tax planning and tax avoidance with the help of computing tools and also discourage tax evasion practices by the taxpayers.

Course Duration:

7 days (30 hours)

Course Objectives:

This Course will help a student to understand the prominence of e-filing of the income tax returns by disclosing the accurate taxable income or loss which will lead to a becoming of a responsible Indian Taxpayer.

Syllabus:

Lesson 1: Introduction to Income Tax

Residential Status of an Individual/HUF/Firm

Incidence of Tax

ASSIGNMENT

Lesson 2: Incomes exempt u/s 10, Heads of Income

Computation of Income from Salaries- Allowances, Perquisites (Taxable & non- taxable), Retirement Benefits (Pension, Gratuity & Leave Encashment), Provident Funds.

ASSIGNMENT

Lesson 3: Computation of Income from House Property (Self occupied/ Let out) - Deduction u/s 24a and 24b

Computation of Income from Capital Gain (Short term and long term) - Deduction u/s 54

ASSIGNMENT

Lesson 4: Computation of Income from other sources. Taxation of gifts.

Provision of raising / repayment of unsecured loan.

Deduction under Chapter VI (Sec 80C, 80CCD, 80D, 80DD, 80DDB, 80GG, 80G)

ASSIGNMENT

Lesson 5: Computation of tax (Normal & Special Rate of Tax) - Tax at old regime and ax at new regime

Rebate u/s 87A, Relief u/s 89

Clubbing of income (basic concept), Setoff and carry forward of loss (basic concept)

ASSIGNMENT

Lesson 6: Registration in Income ax portal for e-filing

Generation and interpretation of 26AS/AIS/TIS

Bank a/c validation/ Aadhaar- PAN Link/ Registration of DSC in e-filing portal



■ 9153549620

✉ dumkalcollege@gmail.com

DUMKALCOLLEGE

P.O-Basantapur, P.S-Dumkal, Dist.-Murshidabad, West Bengal, PIN-742406

(Govt.Aided, Affiliated to the: University of Kalyani Included under section 2(f) & 12 (B) of UGC Act.)

e-payment of tax
ASSIGNMENT

Lesson 7: e – filing of ITR1 and ITR2 (online and excel/ java utility)

e- Verification of return.

ASSIGNMENT

- Participation in class activities and discussions
- Final project presentation and report

Admission: On the basis of first come first serve

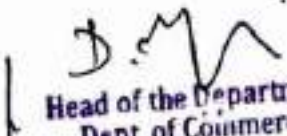
Prerequisites

WB/ CBSC/ ICSC Higher Secondary in commerce. Non-commerce students especially from science stream can also able to enroll for the course.

Resources

Open sources study material and software utilities as provided by the Income Tax Department and Tax Practice service provides.

(Visit to www.incometaxindia.gov.in/ www.taxguru.com)


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad


Principal
Dumkal College, Basantapur
Dumkal, Murshidabad



Dumkal College
Department of Commerce

Value- Basics of Income Tax

Course Duration: 30 Hours

Time Table

Sl. No.	Date	Day	Time	Venue
1	18.04.2022	Monday	11 am – 3:30 pm	Department of Commerce
2	19.04.2022	Tuesday	11 am – 3:30 pm	Department of Commerce
3	20.04.2022	Wednesday	11 am – 3:30 pm	Department of Commerce
4	21.04.2022	Thursday	11 am – 3:30 pm	Department of Commerce
5	22.04.2022	Friday	11 am – 3:30 pm	Department of Commerce
6	23.04.2022	Saturday	11 am – 3:30 pm	Department of Commerce
7	25.04.2022	Monday	11 am – 3:30 pm	Department of Commerce


Head of the Department
Dept of Commerce
Dumkal College, Murshidabad



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2021-22

Organized by : Department of Commerce

certificate of completion

This is to certify that Boni Amin has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department


Principal
Dumkal College, Basantapur
Murshidabad, W. B.
Principal, DUMKAL COLLEGE



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2021-22

Organized by : Department of Commerce

certificate of completion

This is to certify that Jaitun Nesha has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department


Principal
Dumkal College, Basantapur
Murshidabad, W. B.
Principal, DUMKAL COLLEGE



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2021-22

Organized by : Department of Commerce

certificate of completion

**This is to certify that Md. Hafijur Rahaman has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'**


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department


Principal
Dumkal College, Basantapur
Murshidabad, W. B.
Principal, DUMKAL COLLEGE



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2021-22

Organized by : Department of Commerce

certificate of completion

This is to certify that Ikbal Hossain has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department


Principal
Dumkal College, Basantapur
Murshidabad, W. B.
Principal, DUMKAL COLLEGE



DUMKAL COLLEGE

Add on : Basics of income tax
Academic year : 2021-22

Organized by : Department of Commerce

certificate of completion

This is to certify that Mahmudul Hassan has successfully completed that Add on course
Organized by Department of Commerce, Dumkal College With grade 'E'


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad
Signature of Head of the Department


Principal
Dumkal College, Basantapur
Murshidabad, W. B.
Principal, DUMKAL COLLEGE

DUMKAL COLLEGE

DEPARTMENT OF COMMERCE

QUESTION PAPER

Add on course in Basics of Income Tax

Date: 18/04/2022 to 25/04/2022

FULL MARKS: 20

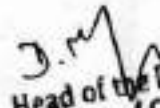
TIME: 30 Minutes


Attempt any 10 questions

(10 x 2 = 20)

1. In which year did the income tax act come into force?
 - a) 1961
 - b) 1958
 - c) 1922
 - d) 1962
2. Income tax rates are fixed in which act?
 - a) Income Tax Act 1961
 - b) Finance Act
 - c) Companies Act 2013
 - d) None of the above.
3. What is the Maximum Limit of deduction u/s 80C
 - a) 1 lakh
 - b) 2 lakh
 - c) 1.5 lakh
 - d) 2.5 lakh
4. What is the maximum amount deduction of entertainment tax?
 - a) Actual amount of entertainment allowance received
 - b) 20% of basic salary of the individual
 - c) 5000
 - d) All of the above.
5. On donation to whom of the following a 100% deduction is allowed u/s 80G ?
 - a) National Sports funds
 - b) Prime Ministers National Relief Fund
 - c) Swachh Bharat Kosh
 - d) All of the above
6. What is the maximum deduction under section u/s 80U ?
 - a) 50000,
 - b) 75000,
 - c) 100000,
 - d) None of these.

7. Under section 80D what is eligible for deduction of Medical insurance premium incurred for senior citizen
- RS. 30,000,
 - 50,000,
 - 1,00,000
 - 60,000.
8. What is the Maximum Limit of deduction u/s 80C ?
- 1 lakh
 - 2 lakh
 - 1.5 lakh
 - 2.5 lakh
9. What is the rate of tax for income tax slab between income of Rs. 2.5 lakh to Rs. 5 lakh for Assessment Year 2018-19?
- 5%
 - 10%
 - 15%
 - 20%
10. What is the maximum deduction under section u/s 80 U ?
- 50,000,
 - 75,000,
 - 1,00,000.
 - None of these
11. In what section contribution to Provident fund can be claimed as deduction
- 80C,
 - 80G,
 - 80C
 - 80CC
12. what is the present rate of Educational Cess ?
- 2%
 - 3%
 - 4%
 - 5%


Head of the Department
Dept. of Commerce
Dumkal College, Murshidabad


Principal
Dumkal College, Basantapur
Dumkal, Murshidabad

18
20

DUMKAL COLLEGE

Department of commerce

Add on course in Basics of Income Tax

Answer Sheet

Name of the Student: Boni Amin

Date of Examination: 25/04/2022

Department: English

- 1 a)
 b)
 c)
 d)

- 7 a)
 b)
 c)
 d)

- 2 a)
 b)
 c)
 d)

- 8 a)
 b)
 c)
 d)

- 3 a)
 b)
 c)
 d)

- 9 a)
 b)
 c)
 d)

- 4 a)
 b)
 c)
 d)

- 10 a)
 b)
 c)
 d)

- 5 a)
 b)
 c)
 d)

- 11 a)
 b)
 c)
 d)

- 6 a)
 b)
 c)
 d)

- 12 a)
 b)
 c)
 d)

D.M.V.

19
20

DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax
Answer Sheet

Name of the Student: Jaitun Nesha

Date of Examination: 25/A/2022

Department: Mathematics

- 1 a)
b)
c)
d)

- 7 a)
 b)
c)
d)

- 2 a)
b)
c)
d)

- 8 a)
b)
 c)
 d)

- 3 a)
b)
 c)
d)

- 9 a)
b)
c)
d)

- 4 a)
b)
 c)
d)

- 10 a)
 b)
c)
d)

- 5 a)
b)
c)
 d)

- 11 a)
b)
c)
d)

- 6 a)
 b)
c)
d)

- 12 a)
b)
c)
d)

D.M

DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax

18
20

Answer Sheet

Name of the Student: Md. Hafijur Rahaman Date of Examination: 25.04.22.

Department: Mathematics

- 1 a)
b)
c)
d)

- 7 a)
 b)
c)
d)

- 2 a)
b)
c)
d)

- 8 a)
b)
 c)
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- 3 a)
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c)
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- 9 a)
b)
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- 4 a)
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- 10 a)
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- 5 a)
b)
c)
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- 11 a)
b)
c)
d)

- 6 a)
 b)
c)
d)

- 12 a)
b)
 c)
d)

D.M

18
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DUMKAL COLLEGE

Department of commerce

Add on course in Basics of Income Tax

Answer Sheet

Name of the Student: *Ikbal Hossain*

Date of Examination: *25.04.2022*

Department: *Bengali*

- 1 a)
b)
c)
d)

- 7 a)
 b)
c)
d)

- 2 a)
b)
c)
d)

- 8 a)
b)
c)
d)

- 3 a)
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- 9 a)
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- 10 a)
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- 5 a)
b)
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- 11 a)
b)
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- 6 a)
b)
c)
d)

- 12 a)
b)
 c)
d)

D.M.

18
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DUMKAL COLLEGE

Department of commerce
Add on course in Basics of Income Tax
Answer Sheet

Name of the Student: Mahmudul Hassam

Date of Examination: 25/04/2022

Department: Philosophy

- | | | | |
|---|--|----|--|
| 1 | <input checked="" type="checkbox"/> a) | 7 | a) |
| | b) | | b) |
| | c) | | c) |
| | d) | | d) |
| 2 | <input checked="" type="checkbox"/> a) | 8 | a) |
| | b) | | b) |
| | c) | | c) |
| | d) | | d) |
| 3 | a) | 9 | a) |
| | b) | | b) |
| | <input checked="" type="checkbox"/> c) | | c) |
| | d) | | d) |
| 4 | a) | 10 | a) |
| | b) | | <input checked="" type="checkbox"/> b) |
| | <input checked="" type="checkbox"/> c) | | c) |
| | d) | | d) |
| 5 | a) | 11 | <input checked="" type="checkbox"/> a) |
| | b) | | b) |
| | c) | | c) |
| | <input checked="" type="checkbox"/> d) | | d) |
| 6 | a) | 12 | a) |
| | <input checked="" type="checkbox"/> b) | | b) |
| | c) | | <input checked="" type="checkbox"/> c) |
| | d) | | d) |

D.M





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DUMKAL COLLEGE

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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় : বাংলা গ্রন্থদীর্ঘ সিনেমার সঙ্গীত রচয়িতা : নজরুল ইসলাম

Date: 02/08/2022

Sl No.	Signature of Participants
1	Md. Tariq Hossain
2	Sahadat Mia
3	Safair Mondal
4	Yeasin Ansari
5	Nimesh Pal
6	Rajesh Mandal
7	Sawab Akter
8	Keshav Mondal
9	Hafiza Khatun
10	Najmin Banu
11	Hosnewara Khatun
12	Ferdousi Akter Kayel
13	Sadratur Moon Thaha Khatun
14	Soma Khatun
15	Umme Salma
16	Fariya Ansari
17	Sakhina Khatun
18	Sidratul Muntaha
19	Asif Ikbal SK
20	Nasima Akter
21	Taslima Khatun
22	Sigon SK

Signature of Head of the Department

Dr. Achintya Kumar Ganguly

Head of the Department in Bengali

DUMKAL COLLEGE

Dumkal, Murshidabad

Signature of Speaker

Signature of Principal

PRINCIPAL

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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় - গায়ক ও সঙ্গীত: ধ্রুপদী বাংলা সিনেমায়

Date: 03/08/2022

Sl No.	Signature of Participants
1	Hafija Khatun
2	Najmin Banu
3	Hosnewara Khatun
4	Soma Khatun
5	Umme Salma
6	Sadnatan Moon thaha Khatun
7	Ferdousi Akter Kojel.
8	Fariya Ansary
9	Sakhira Khatun
10	Safai Mondal
11	Sahadul Mia
12	Md. Tanjir Hossain
13	Rajest mandal
14	Nimesh Pal
15	Yeasin Ansary
16	Rakhan Mondal.
17	Sajeb Akter
18	Sidratul Munthaha
19	Asif Iqbal SU
20	Nasima Akter
21	Taslima Khatun
22	

Dr. Achintya Kumar Ganguly
Signature of Head of the Department
Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
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Sukalyan Biswas
Speaker's Signature

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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় - বাংলা ধ্রুপদী সিনেমায় পোশাক পরিচ্ছদ ও রূপসজ্জা

Date: 04/08/2022

Sl No.	Signature of Participants
1	Sarfai Mondal
2	Sahadul Mia
3	Md. Tanjir Hossain
4	Rajesh mandal
5	Nimesh Pal
6	Yeasin Ansary
7	Salab Akter
8	Rakham Mandal
9	Hosnewara Khatun
10	Najmin Banu
11	Hafiza Khatun
12	Soma Khatun
13	Umme Salma
14	Sadnatun Moomtahana Khatun
15	Ferdousi Akter Koyel
16	Fariya Ansary
17	Sakhina Khatun
18	Sidratul Mun-taha
19	Asif Iqbal Su
20	Nasima Akter
21	Taslima Khatun
22	

Achintya Kumar Ganguly
Signature of Head of the Department
Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

Rhauddhuri
Speaker's Signature

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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

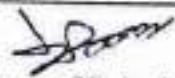
বিষয় - বাংলা সিনেমার পরিচালকগণ

Date: 05/08/2022

Sl No.	Signature of Participants
1	Hosnewara khatun
2	Najmin Banu
3	Holija khatun
4	Fardousi Akter Koyel.
5	Sadwatur moon dhaha khatun.
6	Soma khatun
7	Umme Salma
8	Fariya Ansary
9	Sakhina khatun
10	Sakail Mondal
11	Sahadul Mia
12	MD. Tanjir Hossain
13	Rajesh mondal
14	Nimesh Pal
15	Yeasin Ansary
16	Sujab Akter
17	Kalpana Mondal.
18	Sidratul Muntaha
19	Asif Iqbal SU
20	Nasima Akter
21	Taslima Khatun
22	

Achintya K. Gangopadhyay
signature of Head of the Department

Agnes Debbarth
Speaker's Signature


Signature of Principal
PRINCIPAL
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Basantapur, Dumkal, Murshidabad

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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় - নিম্নোক্ত সম্মান : বিষয়গত তথ্য

Date: 06/08/2022

Sl No.	Signature of Participants
1	Ferdousi Akter Koyel.
2	Soma Khatun
3	Umme Salma
4	Sakhina Khatun
5	Fariya Ansary
6	Sadpatun Moon Thaha Khatun.
7	Hofija Khatun
8	Najmin Banu
9	Hosnewara Khatun
10	Rihan Mandal.
11	Rajesh Mandal
12	Nimesh Pal
13	MP. Tenzin Hossain
14	Yeasin Ansary
15	Sahadul Mia
16	Sadab Akter
17	Sadain Mandal
18	Sidnatul Mun Thaha
19	Asif Iqbal SK
20	Nasima Akter
21	Taslima Khatun
22	

Signature of Head of the Department

Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

Motim Biswas
Speaker's Signature

Signature of Principal

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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় - ধ্রুপদী বাংলা সিনেমায় শিশু শিল্পীরা

Date: 08/08/2022

Sl No.	Signature of Participants
1	Rajesh Mandal
2	Yeasin Ansary
3	Schadal Mia
4	Nimesh Pal
5	MD. Tondin Hossain
6	Sartai Mandal
7	Geeton Medef
8	Sasib Akter
9	Ferdousi Akter Kayel
10	Soma Khatun
11	Umme Salma
12	Fariya Ansary
13	Sakhira Khatun
14	Hatija Khatun
15	Najmin Barua
16	Hosnewara Khatun
17	Sadmatan Moon Thaha Khatun
18	Sidpatul Mun taha
19	Asif Iubel Su
20	Nasima Akter
21	Taslima Khatun
22	

Achintya K. Gangopadhyay
Signature of Head of the Department

Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

Soma Karmakar
Speaker's Signature


Signature of Principal

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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় - বাঙালি জীবনে সাহিত্য ও সিনেমার ব্যবধান

Date: 10/08/2022

Sl No.	Signature of Participants
1	Nimesh Pal
2	Najmin Banu
3	Soma Khatun
4	Fariya Ansari
5	Asif Ikbal SK
6	Rakhan Mandal.
7	Siddhanta Muntaha
8	Ferdousi Akter Koyel.
9	Sakhina Khatun
10	Sahedul Mia
11	Nasima Akter
12	Hatija Khatun
13	Hosnewara Khatun
14	Taelima Khatun
15	Sagar SK
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Achintya K. Gangopadhyay
Signature of Head of the Department

Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

R. Chaudhuri
Speaker's Signature

[Signature]
Signature of Principal

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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় - বাংলা প্রগদী সিনেমায় অভিনেত্রীশ

Date: 11/08/2022

Sl No.	Signature of Participants
1	Najmin Banu
2	Nimesh Pal
3	Fajdousi Akter Koyel
4	Sakhira Khatun
5	Soma Khatun
6	Fariya Ansary
7	Sidratul Mun-taha
8	Raihan Mandal
9	Asif Ikbal SK
10	Sahadat Mia
11	Nasima Akter
12	Hatija Khatun
13	Hosnewara Khatun
14	Taslima Khatun
15	Sagar SK
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Signature of Head of the Department

Speaker's Signature

Signature of Principal

Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় - বাংলা ধ্রুপদী সিনেমায় বাস্তবতা ও সেলুলয়েডের পর্দা

Date: 16/08/2022

Sl No.	Signature of Participants
1	Raihan Mandal.
2	Asif Tubal SK
3	Nimesh Pal
4	Suhadul Mia
5	Sidnatul Muntaba
6	Ferdousi Akter Koyel.
7	Sakhrza Khatun
8	Soma Khatun
9	Fariya Ansary
10	Najmir Banu
11	Nasima Akter
12	Hatija Khatun
13	Hosnewara Khatun
14	Taslima Khatun
15	Sagor SK
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Achintya K. Ganguly
Signature of Head of the Department

Achintya K. Ganguly
Speaker's Signature

[Signature]
Signature of Principal
PRINCIPAL
DUMKAL COLLEGE
Basantapur, Dumkal, Murshidabad

Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
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Dumkal, Murshidabad



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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় - বাংলা ধ্রুপদী সিনেমার নির্মাণ

Date: 17/08/2022

Sl No.	Signature of Participants
1	Najmin Banu
2	Soma Khatun
3	Faaiya Ansary
4	Ferdousi Akter Koyel.
5	Sakhira Khatun
6	Raihan Mardal
7	Sidratul Mun-taha
8	Sahadul Mia
9	Nimesh Pal
10	Asif Akter SK
11	Nasima Akter
12	Hafiza Khatun
13	Hosnewara Khatun
14	Taslima Khatun
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Achintya K. Gangopadhyay
Signature of Head of the Department
Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

Tamal Kanti Pal
Speaker's Signature

Signature of Principal
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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় - ভক্ত ধ্রুব : ধর্মীয় দিক থেকে বাংলা সমাজ জীবন

Date: 18/08/2022

Sl No.	Signature of Participants
1	Md. Tansir Hossain
2	Nimesh Pal
3	Hosnewara Khatun
4	Najmin Banu
5	Hafiza Khatun
6	Nasima Akter
7	Taslima Khatun
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Achintya K. Gangopadhyay
Signature of Head of the Department
Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

Achintya K. Gangopadhyay
Speaker's Signature

[Signature]
Signature of Principal

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DUMKAL COLLEGE

P.O.-Basantapur, P.S.-Dumkal, Dist.-Murshidabad, West Bengal, PIN-742406

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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় - পদ্যানদীর মাঝি ও গঙ্গা সিনেমায় সামাজিক দৃন্দ

Date: 22/08/2022

Sl No.	Signature of Participants
1	Hosnewara Khatun
2	Najmin Barui
3	Md. Tanjir Hossain
4	Nimesh Pal
5	Hafija Khatun
6	Nasima Akter
7	Taslima Khatun
8	
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22	

Achintya Kumar Ganguly
Signature of Head of the Department

Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

Amal Chatterjee
Speaker's Signature

[Signature]
Signature of Principal

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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

বিষয় - শ্রীকান্ত : ইতিহাস ও বাংলা সিনেমার প্রতিফলন

Date: 23/08/2022

Sl No.	Signature of Participants
1	Hosnewara Khatun
2	Ferdousi Akter Royel
3	Sadnaton Moon thahakhatun
4	Soma Khatun
5	Sakhina Khatun
6	Sakab Akter.
7	Raihan Mandal
8	Nasima Akter
9	Sartan Mandal
10	Najmin Banu
11	Sahadul Mia
12	Yeasin Ansary
13	Umme Salma
14	Fariya Ansary
15	Nimesh Pal
16	Taslima Khatun
17	Hosija Khatun
18	Md. Tanvir Hossain
19	
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22	

Achintya K. Gangopadhyay
Signature of Head of the Department

Manas Kumar Das.
Speaker's Signature

[Signature]
Signature of Principal

Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
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Dumkal, Murshidabad

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Department of Bengali

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প্রদর্শন : কপালকুণ্ডলা

Date: 24/08/2022

SI No.	Signature of Participants
1	Hosnewara Khatun
2	Ferdousi Akter Koyel.
3	Sadrafun Moon Thaha Khatun
4	Soma Khatun
5	Sakhira Khatun
6	Sajab Akter
7	Raihan Mandal.
8	Nasima Akter
9	Safai Mandal
10	Najmin Banu
11	Sahadul Mia
12	Yeasin Ansary
13	Umme Salma
14	Fariya Ansary
15	Nimesh Pal
16	Taslima Khatun
17	Hafiza Khatun
18	Ms. Tansi Hossain
19	
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22	

Achintya Kumar Ganguly

Signature of Head of the Department

Dr. Achintya Kumar Ganguly

Head of the Department in Bengali

DUMKAL COLLEGE

Dumkal, Murshidabad

Speaker's Signature

Signature of Principal

PRINCIPAL
DUMKAL COLLEGE
Basantapur, Dumkal, Murshidabad



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Department of Bengali

Add on course in- "The Reflection of Classic Bengali Literature In Bengali Cinema"

প্রদর্শন : পথের পাঁচালী

Date: 25/08/2022

Sl No.	Signature of Participants
1	Hosnewara Khatun
2	Ferdousi Akter Kojel.
3	Sadmatun Moonthaha khatun.
4	Soma Khatun
5	Sakhina Khatun
6	Sawab Akter
7	Raihan Mandal.
8	Nasima Akter
9	Sasmita Mondal
10	Najmin Barua
11	Suhada Mia
12	Yeasin Ansary
13	Umme Salma
14	Fariya Ansary
15	Nimesh Pal
16	Taslima Khatun
17	Hadija Khatun
18	Md. Tanjir Hossain
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Achintya K. Ganguly
Signature of Head of the Department
Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

[Signature]
Speaker's Signature

[Signature]
Signature of Principal

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Basantapur, Dumkal, Murshidabad

The Reflection of Classic Bengali Literature in Bengali Cinema



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Latitude
24.10472291°

Local 01:47:23 PM
GMT 08:17:23 AM

Longitude
88.53557214°

Altitude 20 meters
Tuesday, 02.08.2022

Achintya K. Ganguly
Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

J. D. Roy
Principal
Dumkal College, Basantapur
Murshidabad, W.B.

The Reflection of Classic Bengali Literature in Bengali Cinema



4G3P+R77, Ramna Etbarnagar Basantapur, West Bengal 742303, India

Latitude
24.10467179°

Local 02:03:20 PM
GMT 08:33:20 AM

Longitude
88.53555479°

Altitude 20 meters
Wednesday, 03.08.2022

Anilika K. Ganguly

Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAI COLLEGE
Dumkai, Murshidabad

Principal
Dumkai College, Basantapur
Murshidabad, W.B.

The Reflection of Classic Bengali Literature in Bengali Cinema



4G3P+R77, Ramna Etbarnagar Basantapur, West Bengal 742303,
India

Latitude

24.1044772°

Local 02:09:47 PM

GMT 08:39:47 AM

Longitude

88.5355971°

Altitude 20 meters

Thursday, 04.08.2022

Achintya K. Ganguly

Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

[Signature]

Principal
Dumkal College, Basantapur
Murshidabad, W.B.

The Reflection of Classic Bengali Literature in Bengali Cinema



4G3P+R77, Ramna Etbarnagar Basantapur, West Bengal 742303,
India

Latitude

24.1044765°

Local 01:48:11 PM

GMT 08:18:11 AM

Longitude

88.5355982°

Altitude 20 meters

Monday, 08.08.2022

Achintya K. Ganguly
Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumra, Murshidabad

[Signature]
Principal
Dumkal College, Basantapur
Murshidabad, W.B.

প্রদর্শন : সিনেমা



Ashita K. Ganguly
Dr. Ashita Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

[Signature]
Principal
Dumkal College, Basantapur
Murshidabad, W.B.

DUMKAL COLLEGE
DEPARTMENT OF BENGALI
Syllabus

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

26/07/22

১. বাংলা ধ্রুপদী সিনেমায় সঙ্গীত রচয়িতা : নজরুল ইসলাম
২. গায়ক ও সংগীত : ধ্রুপদী বাংলা সিনেমায়
৩. বাংলা ধ্রুপদী সিনেমায় পোশাক পরিচ্ছদ ও রূপসজ্জা
৪. বাংলা সিনেমার পরিচালকগণ
৫. ধ্রুপদী বাংলা সিনেমায় শিশু শিল্পীরা
৬. বাংলা ধ্রুপদী সিনেমায় অভিনেত্রীগণ
৭. বাংলা ধ্রুপদী সিনেমার নির্মাণ
৮. বাঙালি জীবনে সাহিত্য ও সিনেমার ব্যবধান
৯. বাংলা ধ্রুপদী সিনেমায় বাস্তবতা ও সেলুলয়েডের পর্দা
১০. বিষয়গত তথ্য : বিভিন্ন বাংলা ধ্রুপদী সিনেমার নিরিখে
১১. প্রদর্শন : বাংলা ধ্রুপদী সিনেমা

Achintya K. Gangopadhyay
Signature of Head of the Department

Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

[Signature]
Signature of Principal

Principal
Dumkal College
Basantapur, Murshidabad



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২৬/০৭/২০২২

DEPARTMENT OF BENGALI

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

Speaker's Name and Time table:

ক্রমিক সংখ্যা	তারিখ	অধ্যাপকের নাম	সময়
১	০২/০৮/২০২২	অচিন্ত্যকুমার গাঙ্গুলী	বেলা ১.৩০ - ৩.৩০
২	০৩/০৮/২০২২	সুকল্যাণ বিশ্বাস	বেলা ১.৩০ - ৩.৩০
৩	০৪/০৮/২০২২	মানসরঞ্জন চৌধুরী	বেলা ১.৩০ - ৩.৩০
৪	০৫/০৮/২০২২	অর্ণব দেবনাথ	বেলা ১.৩০ - ৩.৩০
৫	০৬/০৮/২০২২	মতিউর বিশ্বাস	বেলা ১.৩০ - ৩.৩০
৬	০৮/০৮/২০২২	সোমা কর্মকার	বেলা ১.৩০ - ৩.৩০
৭	১০/০৮/২০২২	মানসরঞ্জন চৌধুরী	বেলা ১.৩০ - ৩.৩০
৮	১১/০৮/২০২২	জয়ন্ত কর	বেলা ১.৩০ - ৩.৩০
৯	১৬/০৮/২০২২	অচিন্ত্যকুমার গাঙ্গুলী	বেলা ১.৩০ - ৩.৩০
১০	১৭/০৮/২০২২	তমালকান্তি পাল	বেলা ১.৩০ - ৩.৩০
১১	১৮/০৮/২০২২	অচিন্ত্যকুমার গাঙ্গুলী	বেলা ১.৩০ - ৩.৩০
১২	২২/০৮/২০২২	অর্ণব দেবনাথ	বেলা ১.৩০ - ৩.৩০
১৩	২৩/০৮/২০২২	মানসকুমার দাস	বেলা ১.৩০ - ৩.৩০
১৪	২৪/০৮/২০২২	প্রদর্শন	বেলা ১.৩০-৪.০০
১৫	২৫/০৮/২০২২	প্রদর্শন	বেলা ১.৩০ - ৪.০০

A.K. Ganguly
Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

Bhabesh Pramanik
Dr. BHABESH PRAMANIK
Principal
Dumkal College, Basantapur
Dumkal, Murshidabad



DUMKAL COLLEGE

"The Reflection of Classic Bengali Literature in Bengali Cinema"

Organized by : Department of Bengali, Dumkal College

CERTIFICATE OF COMPLETION

This is to certify that... *Sahadul Mia*has successfully completed the add on course program on "*The Reflection of Classic Bengali Literature in Bengali Cinema*" Organized by, Department of Bengali, Dumkal College with grade 'O'.

A.K. Ganguly

Signature Head of the department
Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

[Signature]

Signature Of Principal
Principal
Dumkal College
Basantapur, Murshidabad

[Signature]
Signature Of IQAC Co-Ordinator
Coordinator
Q.A.C
Dumkal College
Dumkal, Murshidabad



DUMKAL COLLEGE

"The Reflection of Classic Bengali Literature in Bengali Cinema"

Organized by : Department of Bengali, Dumkal College

CERTIFICATE OF COMPLETION

This is to certify that... *Safai Mondal*has successfully completed the add on course program on "*The Reflection of Classic Bengali Literature in Bengali Cinema*" Organized by, Department of Bengali, Dumkal College with grade 'O'.

A.K. Ganguly

Signature Head of the department

Dr. Ashutosh Kumar Ganguly

Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

[Signature]

Signature Of Principal

Principal

Dumkal College

Basantapur, Murshidabad

[Signature]

Signature Of IQAC Co-ordinator

Coordinator

I.Q.A.C

Dumkal College

Murshidabad



DUMKAL COLLEGE

"The Reflection of Classic Bengali Literature in Bengali Cinema"

Organized by : Department of Bengali, Dumkal College

CERTIFICATE OF COMPLETION

This is to certify that Nimesh Pal.....has successfully completed the add on course program on "*The Reflection of Classic Bengali Literature in Bengali Cinema*" Organized by, Department of Bengali, Dumkal College with grade O.

A. K. Ganguly

Signature Head of the department

A. K. Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

[Signature]

Signature Of Principal

Principal
Dumkal College
Basantapur, Murshidabad

[Signature]

Signature Of IQAC Co-Ordinator

Coordinator
I.Q.A.C
Dumkal College
Dumkal, Murshidabad



DUMKAL COLLEGE

"The Reflection of Classic Bengali Literature in Bengali Cinema"

Organized by : Department of Bengali, Dumkal College

CERTIFICATE OF COMPLETION

This is to certify that... Raihan Mondalhas successfully completed the add on course program on "*The Reflection of Classic Bengali Literature in Bengali Cinema*" Organized by, Department of Bengali, Dumkal College with grade 'O'.

AK. Ganguly

Signature Head of the department

[Signature]

Signature Of Principal
Principal

Dumkal College
Bhusandabad

[Signature]
Signature Of IQAC Co-Ordinator
Coordinator

IQAC
Dumkal College
Bhusandabad



DUMKAL COLLEGE

"The Reflection of Classic Bengali Literature in Bengali Cinema"

Organized by : Department of Bengali, Dumkal College

CERTIFICATE OF COMPLETION

This is to certify that... *Sakhina Khatun*has successfully completed the add on course program on "*The Reflection of Classic Bengali Literature in Bengali Cinema*" Organized by, Department of Bengali, Dumkal College with grade 'O'.

A. K. Ganguly

Signature Head of the department
Dr. Achintya Kumar Ganguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

[Signature]

Signature Of Principal
Principal
Dumkal College
Basantapur, Murshidabad

[Signature]

Signature Of IQAC Co-Ordinator
Coordinator
I.Q.A.C
Dumkal College
Basantapur, Murshidabad

DUMKAL COLLEGE

DEPARTMENT OF BENGALI
QUESTION PAPER

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

FULL MARKS: 20

TIME: 30 Minutes

সঠিক উত্তরটি নির্বাচন কর (যেকোন ১০টি):

(১০ × ২ = ২০)

১) পথের পাঁচালী সিনেমার পরিচালক কে?

ক) মুগাল সেন, খ) অতীক ঘটক, গ) সত্যজিৎ রায়, ঘ) তপন সিং

২) পদ্মানদীর মাঝি উপন্যাসের রচয়িতা কে?

ক) তারাশঙ্কর বন্দ্যোপাধ্যায়, খ) মানিক বন্দ্যোপাধ্যায়, গ) বিভূতিভূষণ বন্দ্যোপাধ্যায়, ঘ) সমরেশ বসু

৩) 'পথের পাঁচালী'র শিশু নায়ক চরিত্রটি কে?

ক) নিরঞ্জন, খ) অপু, গ) বেহারি, ঘ) আনন্দ

৪) 'পথের পাঁচালী'তে কার মৃত্যু সবচেয়ে বেশি মা সর্বজয়াকে আলোড়িত করে?

ক) কল্পনা, খ) বিশ্বেশ্বরী, গ) দুর্গা, ঘ) নিরুপমা

৫) "খেলছি এ বিশ্ব লয়ে/ বিরাট শিতর আনমনে" - গানটি কার এবং কোন সিনেমায় ব্যবহৃত হয়েছে?

ক) সত্যেন্দ্রনাথ দত্তের লেখা, দস্তা সিনেমায়, খ) আব্দুলপ্রসাদ সেনের লেখা, সাড়ে চুয়াত্তর সিনেমায়,

গ) রজনীগন্ধা সেনের লেখা, রাতে রজনীগন্ধা সিনেমায়, ঘ) নজরুল ইসলামের লেখা, ভক্ত প্রব সিনেমায়।

৬) 'রাজলক্ষী ও শ্রীকান্ত' সিনেমায় রাজলক্ষী ও শ্রীকান্তের ভূমিকায় কারা অভিনয় করেছিলেন?

ক) কাননদেবী ও প্রমথেশ বড়ুয়া, খ) কাননদেবী ও বলরাজ সাহানি, গ) কাননদেবী ও উত্তমকুমার, ঘ) সুচিত্রা সেন ও উত্তমকুমার

৭) "ইচ্ছা করে পরানডারে গামছা দিয়া বান্ধি" - কোন ছবির গান?

ক) ময়ূরাক্ষী, খ) বিপাশা, গ) গঙ্গা, ঘ) সুরধনী

৮) 'রজনী' উপন্যাসটি কার লেখা?

ক) রবীন্দ্রনাথ ঠাকুর, খ) শরৎচন্দ্র চট্টোপাধ্যায়, গ) বঙ্কিমচন্দ্র চট্টোপাধ্যায়, ঘ) মহাশ্বেতা দেবী

৯) 'হারানো সুর' ছবিটির নায়িকার নাম কী?

ক) কাননদেবী, খ) সুপ্রিয়া দেবী, গ) সুচিত্রা সেন, ঘ) হৈমবালা দেবী

১০) 'পথে হলের দেবী' সিনেমার নায়ক চরিত্রটি কে ছিলেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) সৌমিত্র চট্টোপাধ্যায়, ঘ) প্রসেনজিৎ চট্টোপাধ্যায়

১১) 'রাজলক্ষী ও শ্রীকান্ত' সিনেমাটি কোন উপন্যাস অবলম্বনে নির্মিত?

ক) ভৈরব, খ) রাজলক্ষী, গ) শ্রীকান্ত, ঘ) দুর্গেশবন্দিনী

১২) 'সকলটি' সিনেমায় নাম চরিত্রে কে অভিনয় করেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) বসন্ত চৌধুরী, ঘ) তরুণকুমার

Achintya Kumar Genguly
Dr. Achintya Kumar Genguly
Head of the Department in Bengali
DUMKAL COLLEGE
Dumkal, Murshidabad

Principal
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18/20

DUMKAL COLLEGE

DEPARTMENT OF BENGALI
QUESTION PAPER

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

Name: NIMSHI PAL

Department: BENGALI

FULL MARKS: 20

TIME: 30 Minutes

সঠিক উত্তরটি নির্বাচন কর (যেকোন ১০টি):

(১০ x ২ = ২০)

১) পথের পাঁচালী সিনেমার পরিচালক কে?

ক) মৃগাল সেন, খ) ঋত্বিক ঘটক, গ) সত্যজিৎ রায়, ঘ) তপন সিং

২) পদ্মনদীর মাঝি উপন্যাসের রচয়িতা কে?

ক) তারাশঙ্কর বন্দ্যোপাধ্যায়, খ) মানিক বন্দ্যোপাধ্যায়, গ) বিভূতিভূষণ বন্দ্যোপাধ্যায়, ঘ) সমরেশ বসু

৩) 'পথের পাঁচালী'র শিশু নায়ক চরিত্রটি কে?

ক) নিরঞ্জন, খ) অপু, গ) বেহারি, ঘ) আনন্দ

৪) 'পথের পাঁচালী'তে কার মুক্তা সবচেয়ে বেশি মা সর্বজয়াকে আলোড়িত করে?

ক) কল্পনা, খ) বিশেষ্বরী, গ) দুর্গা, ঘ) নিরূপমা

৫) "কেলছি এ বিশ্ব লয়ে/ বিরাট শিশুর আনমন।" - গানটি কার এবং কোন সিনেমায় ব্যবহৃত হয়েছে?

ক) সত্যেন্দ্রনাথ দত্তের লেখা, দত্তা সিনেমায়, খ) অতুলপ্রসাদ সেনের লেখা, সাড়ে চূয়াত্তর সিনেমায়, গ) রজনীকান্ত সেনের লেখা, রাতের রজনীগন্ধা সিনেমায়, ঘ) নজরুল ইসলামের লেখা, তক্ত ধুব সিনেমায়।

৬) 'রাজলক্ষী ও শ্রীকান্ত' সিনেমায় রাজলক্ষী ও শ্রীকান্তের ভূমিকায় কারা অভিনয় করেছিলেন?

ক) কাননদেবী ও প্রমথেশ বড়ুয়া, খ) কাননদেবী ও বলরাজ সাহানি, গ) কাননদেবী ও উত্তমকুমার, ঘ) সুচিত্রা সেন ও উত্তমকুমার

৭) "ইচ্ছা করে পরানডারে গামছা দিয়া বাকি" - কোন ছবির গান?

ক) ময়ূরাক্ষী, খ) বিপাশা, গ) পদ্মা, ঘ) সুরধনী

৮) 'রজনী' উপন্যাসটি কার লেখা?

ক) রবীন্দ্রনাথ ঠাকুর, খ) শরৎচন্দ্র চট্টোপাধ্যায়, গ) বঙ্কিমচন্দ্র চট্টোপাধ্যায়, ঘ) মহাশ্বেতা দেবী

৯) 'হারানো সুর' ছবিটির নায়িকার নাম কী?

ক) কাননদেবী, খ) সুপ্রিয়া দেবী, গ) সুচিত্রা সেন, ঘ) হৈমবালা দেবী

১০) 'পথে হলো দেবী' সিনেমার নায়ক চরিত্রটি কে ছিলেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) সৌমিত্র চট্টোপাধ্যায়, ঘ) প্রসেনজিৎ চট্টোপাধ্যায়

১১) 'রাজলক্ষী ও শ্রীকান্ত' সিনেমাটি কোন উপন্যাস অবলম্বনে নির্মিত?

ক) তৈরব, খ) রাজলক্ষী, গ) শ্রীকান্ত, ঘ) দুর্গেশনন্দিনী

১২) 'সবাসাচী' সিনেমায় নাম চরিত্রে কে অভিনয় করেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) বসন্ত চৌধুরী, ঘ) তরুণকুমার

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DUMKAL COLLEGE

DEPARTMENT OF BENGALI
QUESTION PAPER

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

Name: *Raihan Mandal* Department: *Bengali*

FULL MARKS: 20

TIME: 30 Minutes

সঠিক উত্তরটি নির্বাচন কর (যেকোন ১০টি):

(১০ x ২ = ২০)

১) পথের পাঁচালী সিনেমার পরিচালক কে?

ক) মুগাল সেন, খ) ঝড়িক ঘটক, গ) সত্যজিৎ রায়, ঘ) তপন সিং

২) পদ্মানদীর মাঝি উপন্যাসের রচয়িতা কে?

ক) ভারতীন্দ্র বন্দ্যোপাধ্যায়, খ) মানিক বন্দ্যোপাধ্যায়, গ) বিভূতিভূষণ বন্দ্যোপাধ্যায়, ঘ) সমরেশ বসু

৩) 'পথের পাঁচালী'র শিল্প নায়ক চরিত্রটি কে?

ক) নিরঞ্জন, খ) অপু, গ) বেহারি, ঘ) আনন্দ

৪) 'পথের পাঁচালী'তে কার মুহুর্তা সবচেয়ে বেশি মা সর্বজয়াকে আলোড়িত করে?

ক) কল্পনা, খ) বিশ্বেশ্বরী, গ) দুর্গা, ঘ) নিরুপমা

৫) "খেপছি এ বিশ্ব লয়ে/ বিরাট শিল্পের আনন্দ" - গানটি কার এবং কোন সিনেমায় ব্যবহৃত হয়েছে?

ক) সত্যেন্দ্রনাথ দত্তের লেখা, দত্তা সিনেমায়, খ) অতুলপ্রসাদ সেনের লেখা, সাড়ে চারাত্তর সিনেমায়,
গ) রজনীকান্ত সেনের লেখা, রাতের রজনীগন্ধা সিনেমায়, ঘ) নজরুল ইসলামের লেখা, ভক্ত ধ্রুব সিনেমায়।

৬) 'রাজলক্ষী ও শ্রীকান্ত' সিনেমায় রাজলক্ষী ও শ্রীকান্তের ভূমিকায় কারা অভিনয় করেছিলেন?

ক) কাননদেবী ও প্রমথেশ বড়ুয়া, খ) কাননদেবী ও বলরাজ সাহানি, গ) কাননদেবী ও উত্তমকুমার, ঘ) সুচিত্রা সেন ও উত্তমকুমার

৭) "ইচ্ছা করে পরানভারে গামছা দিয়া বাকি" - কোন ছবির গান?

ক) ময়ূরাক্ষী, খ) বিপাশা, গ) গঙ্গা, ঘ) সুরধনী

৮) 'রজনী' উপন্যাসটি কার লেখা?

ক) রবীন্দ্রনাথ ঠাকুর, খ) শরৎচন্দ্র চট্টোপাধ্যায়, গ) বঙ্কিমচন্দ্র চট্টোপাধ্যায়, ঘ) মহাশেতা দেবী

৯) 'হারানো সুর' ছবিটির নায়িকার নাম কী?

ক) কাননদেবী, খ) সুপ্রিয়া দেবী, গ) সুচিত্রা সেন, ঘ) হৈমবালা দেবী

১০) 'পথে হলো দেবী' সিনেমার নায়ক চরিত্রটি কে ছিলেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) সৌমিত্র চট্টোপাধ্যায়, ঘ) প্রসেনজিৎ চট্টোপাধ্যায়

১১) 'রাজলক্ষী ও শ্রীকান্ত' সিনেমাটি কোন উপন্যাস অবলম্বনে নির্মিত?

ক) ভৈরব, খ) রাজলক্ষী, গ) শ্রীকান্ত, ঘ) দুর্গেশনন্দিনী

১২) 'সবাসাচী' সিনেমায় নাম চরিত্রে কে অভিনয় করেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) বসন্ত চৌধুরী, ঘ) তরুণকুমার

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DUMKAL COLLEGE
DEPARTMENT OF BENGALI
QUESTION PAPER

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

Name: Sahadul Mia

Department: Bengali

FULL MARKS: 20

TIME: 30 Minutes

সঠিক উত্তরটি নির্বাচন কর (যেকোন ১০টি):

(১০ x ২ = ২০)

১) পথের পাঁচালী সিনেমার পরিচালক কে?

ক) মৃগাল সেন, খ) ঋত্বিক ঘটক, গ) সত্যজিৎ রায়, ঘ) তপন সিং

২) পদ্মানদীর মাঝি উপন্যাসের রচয়িতা কে?

ক) তারাশঙ্কর বন্দ্যোপাধ্যায়, খ) মানিক বন্দ্যোপাধ্যায়, গ) বিভূতিভূষণ বন্দ্যোপাধ্যায়, ঘ) সমরেশ বসু

৩) 'পথের পাঁচালী'র শিশু নায়ক চরিত্রটি কে?

ক) নিরঞ্জন, খ) অপু, গ) বেহারি, ঘ) আনন্দ

৪) 'পথের পাঁচালী'তে কার মৃত্যু সবচেয়ে বেশি মা সর্বজয়াকে আলোড়িত করে?

ক) কল্পনা, খ) বিশেষধরী, গ) দুর্গা, ঘ) নিরুপমা

৫) "খেলছি এ বিশ্ব লয়ে/ বিরাট শিশুর আনমন।" - গানটি কার এবং কোন সিনেমায় ব্যবহৃত হয়েছে?

ক) সত্যেন্দ্রনাথ দত্তের লেখা, দত্তা সিনেমায়, খ) অতুলপ্রসাদ সেনের লেখা, সাড়ে চুয়াত্তর সিনেমায়, গ) রজনীকান্ত সেনের লেখা, রাতের রজনীগন্ধা সিনেমায়, ঘ) নজরুল ইসলামের লেখা, ভক্ত শ্রব সিনেমায়।

৬) 'রাজলক্ষ্মী ও শ্রীকান্ত' সিনেমায় রাজলক্ষ্মী ও শ্রীকান্তের ভূমিকায় কারা অভিনয় করেছিলেন?

ক) কাননদেবী ও প্রমথেশ বড়ুয়া, খ) কাননদেবী ও বলরাজ সাহানি, গ) কাননদেবী ও উত্তমকুমার, ঘ) সুচিত্রা সেন ও উত্তমকুমার

৭) "ইচ্ছা করে পরানভারে গামছা দিয়া বাকি" - কোন ছবির গান?

ক) ময়ূরাক্ষী, খ) বিপাশা, গ) গঙ্গা, ঘ) সুরধনী

৮) 'রজনী' উপন্যাসটি কার লেখা?

ক) রবীন্দ্রনাথ ঠাকুর, খ) শরৎচন্দ্র চট্টোপাধ্যায়, গ) বঙ্কিমচন্দ্র চট্টোপাধ্যায়, ঘ) মহাশ্বেতা দেবী

৯) 'হারানো সুর' ছবিটির নায়িকার নাম কী?

ক) কাননদেবী, খ) সুপ্রিয়া দেবী, গ) সুচিত্রা সেন, ঘ) হৈমবালা দেবী

১০) 'পথে হলো দেবী' সিনেমার নায়ক চরিত্রটি কে ছিলেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) সৌমিত্র চট্টোপাধ্যায়, ঘ) প্রসেনজিৎ চট্টোপাধ্যায়

১১) 'রাজলক্ষ্মী ও শ্রীকান্ত' সিনেমাটি কোন উপন্যাস অবলম্বনে নির্মিত?

ক) ভৈরব, খ) রাজলক্ষ্মী, গ) শ্রীকান্ত, ঘ) দুর্গেশনন্দিনী

১২) 'সবস্যাটী' সিনেমায় নাম চরিত্রে কে অভিনয় করেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) বসন্ত জৌধুরী, ঘ) ভরুণকুমার

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DUMKAL COLLEGE

DEPARTMENT OF BENGALI
QUESTION PAPER

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

Name: Sakshina Khatoon

Department: Bengali

FULL MARKS: 20

TIME: 30 Minutes

সঠিক উত্তরটি নির্বাচন কর (যেকোন ১০টি):

(১০ x ২ = ২০)

১) পথের পাঁচালী সিনেমার পরিচালক কে?

ক) ফুয়াল সেন, খ) ঋত্বিক ঘটক, গ) সত্যজিৎ রায়, ঘ) তপন সিং

২) পদ্মানদীর মাঝি উপন্যাসের রচয়িতা কে?

ক) তারাশঙ্কর বন্দ্যোপাধ্যায়, খ) মানিক বন্দ্যোপাধ্যায়, গ) বিভূতিভূষণ বন্দ্যোপাধ্যায়, ঘ) সমরেশ বসু

৩) 'পথের পাঁচালী'র শিশু নায়ক চরিত্রটি কে?

ক) নিরঞ্জন, খ) অপু, গ) বেহারি, ঘ) আনন্দ

৪) 'পথের পাঁচালী'তে কার মৃত্যু সবচেয়ে বেশি মা সর্বজয়াকে আলোড়িত করে?

ক) কল্পনা, খ) বিশেষত্বী, গ) দুর্গা, ঘ) নিরুপমা

৫) "খেলছি এ বিশ্ব লয়ে/ বিরাট শিশুর আনমন।" - গানটি কার এবং কোন সিনেমায় ব্যবহৃত হয়েছে?

ক) সত্যেন্দ্রনাথ দত্তের লেখা, দত্তা সিনেমায়, খ) আব্দুলপ্রসাদ সেনের লেখা, সাড়ে চুয়াত্তর সিনেমায়,
গ) রজনীকান্ত সেনের লেখা, রাতের রজনীগন্ধা সিনেমায়, ঘ) নজরুল ইসলামের লেখা, ভক্ত ধ্রুব সিনেমায়।

৬) 'রাজলক্ষ্মী ও শ্রীকান্ত' সিনেমায় রাজলক্ষ্মী ও শ্রীকান্তের ভূমিকায় কারা অভিনয় করেছিলেন?

ক) কাননদেবী ও প্রমথেশ বড়ুয়া, খ) কাননদেবী ও বলরাজ সাহানি, গ) কাননদেবী ও উত্তমকুমার, ঘ) সুচিত্রা সেন ও উত্তমকুমার

৭) "ইচ্ছা করে পরানডারে পামছা দিয়া বাঁধি" - কোন ছবির গান?

ক) মধুরাঙ্গী, খ) বিপাশা, গ) পদ্মা, ঘ) সুরধনী

৮) 'রজনী' উপন্যাসটি কার লেখা?

ক) রবীন্দ্রনাথ ঠাকুর, খ) শরৎচন্দ্র চট্টোপাধ্যায়, গ) বঙ্কিমচন্দ্র চট্টোপাধ্যায়, ঘ) মহাশ্বেতা দেবী

৯) 'হারানো সুর' ছবিটির নায়িকার নাম কী?

ক) কাননদেবী, খ) সুপ্রিয়া দেবী, গ) সুচিত্রা সেন, ঘ) হৈমবালা দেবী

১০) 'পথে হলো দেবী' সিনেমার নায়ক চরিত্রটি কে ছিলেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) সৌমিত্র চট্টোপাধ্যায়, ঘ) প্রসেনজিৎ চট্টোপাধ্যায়

১১) 'রাজলক্ষ্মী ও শ্রীকান্ত' সিনেমাটি কোন উপন্যাস অবলম্বনে নির্মিত?

ক) ভৈরব, খ) রাজলক্ষ্মী, গ) শ্রীকান্ত, ঘ) দুর্গেশবন্দিনী

১২) 'সবাসাচী' সিনেমায় নাম চরিত্রে কে অভিনয় করেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) বসন্ত চৌধুরী, ঘ) তরুণকুমার

DUMKAL COLLEGE
DEPARTMENT OF BENGALI
QUESTION PAPER

Add on course in- "The Reflection of Classic Bengali Literature in Bengali Cinema"

Name: Sajail Moudal

Department: Bengali

FULL MARKS: 20

TIME: 30 Minutes

সঠিক উত্তরটি নির্বাচন কর (যেকোন ১০টি):

(১০ x ২ = ২০)

১) পথের পাঁচালী সিনেমার পরিচালক কে?

ক) মৃগাল সেন, খ) অতীক ঘটক, গ) সত্যজিৎ রায়, ঘ) তপন সিং

২) পদ্মানদীর মাকি উপন্যাসের রচয়িতা কে?

ক) তারাশঙ্কর বন্দ্যোপাধ্যায়, খ) মানিক বন্দ্যোপাধ্যায়, গ) কিছুতিভূষণ বন্দ্যোপাধ্যায়, ঘ) সমরেশ বসু

৩) 'পথের পাঁচালী'র শিশু নায়ক চরিত্রটি কে?

ক) নিরঞ্জন, খ) অপু, গ) বেহারি, ঘ) আনন্দ

৪) 'পথের পাঁচালী'তে কার মৃত্যু সবচেয়ে বেশি মা সর্বজয়াকে আলোড়িত করে?

ক) কল্পনা, খ) বিশেষশুরী, গ) দুর্গা, ঘ) নিরুপমা

৫) "খেলেছি এ বিশ্ব লয়ে/ বিরাট শিশুর আনন্দন।" - গানটি কার এবং কোন সিনেমায় ব্যবহৃত হয়েছে?

ক) সত্যেন্দ্রনাথ দত্তের লেখা, দত্ত সিনেমায়, খ) অতুলপ্রসাদ সেনের লেখা, সাড়ে চুয়াত্তর সিনেমায়, গ) রজনীকান্ত সেনের লেখা, রাতের রজনীগন্ধা সিনেমায়, ঘ) নজরুল ইসলামের লেখা, তক্ত ধ্রুব সিনেমায়।

৬) 'রাজলক্ষ্মী ও শ্রীকান্ত' সিনেমায় রাজলক্ষ্মী ও শ্রীকান্তের ভূমিকায় কারা অভিনয় করেছিলেন?

ক) কাননদেবী ও প্রমথেশ বড়ুয়া, খ) কাননদেবী ও বলরাজ সাহানি, গ) কাননদেবী ও উত্তমকুমার, ঘ) সূচিত্রা সেন ও উত্তমকুমার

৭) "ইচ্ছা করে পরানভারে গামছা দিয়া বাঁধি" - কোন ছবির গান?

ক) ময়ূরাক্ষী, খ) বিপাশা, গ) গঙ্গা, ঘ) সুরধনী

৮) 'রজনী' উপন্যাসটি কার লেখা?

ক) রবীন্দ্রনাথ ঠাকুর, খ) শরৎচন্দ্র চট্টোপাধ্যায়, গ) বঙ্কিমচন্দ্র চট্টোপাধ্যায়, ঘ) মহাশ্বেতা দেবী

৯) 'হারানো সুর' ছবিটির নায়িকার নাম কী?

ক) কাননদেবী, খ) সুপ্রিয়া দেবী, গ) সূচিত্রা সেন, ঘ) হৈমবলা দেবী

১০) 'পথে হলো দেবী' সিনেমার নায়ক চরিত্রটি কে ছিলেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) সৌমিত্র চট্টোপাধ্যায়, ঘ) প্রসেনজিৎ চট্টোপাধ্যায়

১১) 'রাজলক্ষ্মী ও শ্রীকান্ত' সিনেমাটি কোন উপন্যাস অবলম্বনে নির্মিত?

ক) তৈরব, খ) রাজলক্ষ্মী, গ) শ্রীকান্ত, ঘ) দুর্গেশনন্দিনী


১২) 'সবাসাটী' সিনেমায় নাম চরিত্রে কে অভিনয় করেন?

ক) প্রমথেশ বড়ুয়া, খ) উত্তমকুমার, গ) বসন্ত চৌধুরী, ঘ) তরুণকুমার

**SIGNATURE OF STUDENTS ADMITTED AND
ATTENDED THE ADD ON COURSE ON 'GIS FOR
THE BEGINNERS'**

SL NO.	Signature	Sem	Phone Number	gmail ID
1	Md. Akbar Bakkar	6th	9775652412	akbar17191@gmail.com
2	Mahij Hassan	6th	8392052030	mahijhassan9306@gmail.com
3	Shubhaship Saha	6th	7908326220	dipansaha46@gmail.com
4	Saamir Mia	6th	8373973489	saamirsaamir076@gmail.com
5	Mushtakin SK	6th	8250292526	sangsofiet@gmail.com
6	Ronnie mondal	6th	7679949623	mondalronnie76@gmail.com
7	Rupakshon Arsoy	6th	9609045464	rupakshonarsoy15@gmail.com
8	Emdadul SK	6th	7797801343	emdadulSK2002@gmail.com
9	Jinataman Begam	6th	9064124797	Jinatamanbegam20@gmail.com
10	Manuar Hassan	6th	8617887070	manuar285@gmail.com
11	Rimon SK	6th	7872150253	skrimon451@gmail.com
12	Hafij Asad	6th	7478552207	hafijasad51@gmail.com
13	Sabin Ahmed	6th	7864803229	Ssabinbass7864@gmail.com
14	Sakil Ahmed	6th	9144092511	Sakilahmed1453@gmail.com
15	Masrabir	6th	7363019901	masrabirns.7363@gmail.com
16	Bittu Biswas	6th	7430817255	bittu77.Mondal7432@gmail.com
17	Kanoy Kumar Saha	6th	834846331	KanoySaha7077@gmail.com
18	Bittu Biswas	6th	9832899657	Bittu77.Mondal7432@gmail.com
19	Grandib Sarkar	6th	9083447057	sarkargrandib52@gmail.com
20	Maynak Sankar	6th	7430989598	MaynakSankar9139@gmail.com

Sucati Kollati
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Department of Geography
Dumkal College
Basantapur, Murshidabad


Principal
Dumkal College, Basantapur
Murshidabad, W. B.



☎ 9153549620

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DUMKAL COLLEGE
DEPARTMENT OF GEOGRAPHY

P.O-Basantapur, P.S-Dumkal, Dist.-Murshidabad, West Bengal, PIN-742406
(Govt. Aided, Affiliated to the: University of Kalyani Included under section 2(f) & 12(B) of UGC Act.)

ADD-ON-COURSE
ATTENDANCE REGISTER

REGISTER OF ATTEN- DANCE OF PUPILS

For the Month of August..... 2022

Serial No.	Roll No.	NAME OF PUPILS	Serial No. & Date of Admission in the Admission Register	ATTEN- DANCE																	No. of Days													
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	24	25	26	27	28	29	30	31	Present	Jan Present	Absent or Leave	Absent with leave
1.		Md. Abu Bakkar Siddiq	-	P	P	P	-	P	P	P	P																							
2.		Mahmud Hassan.	-	P	P	P	P	P	P	P	P																							
3.		Shabbadip Saha	-	P	P	P	P	P	P	P	P																							
4.		Sourav Mia	-	P	P	P	P	P	P	P	P																							
5.		Mustafin SK.	-	P	P	-	P	P	P	P	P																							
6.		Romio Mondal.	-	P	P	P	P	P	-	P	P																							
7.		Rupa Khatun Ansary.	-	P	P	P	P	P	P	P	P																							
X 8.		Emdadul SK.	-	P	P	-	-	P	P	P	P																							
9.		Jinataman Begam.	-	P	P	P	P	P	P	-	P																							
10.		Manwar Hossain.	-	P	P	P	P	P	P	P	P																							
11.		Rimon SK.	-	P	P	P	-	P	P	P	P																							
12.		Hafiz Asad.	-	P	P	P	P	-	P	P	P																							
13.		Sabin Ahmed.	-	P	P	-	P	P	P	P	P																							
14.		Sakil Ahmed.	-	P	P	-	P	P	P	P	P																							
15.		Murshid	-	-	P	P	P	P	P	P	P																							
16.		Bittu Biswas	-	P	P	P	P	P	P	P	P																							
17.		Tanoy Kumar Saha.	-	P	-	P	P	P	P	P	P																							
18.		Bittu Biswas	-	P	P	P	P	-	P	P	P																							
A		Gandhi Sarkar	-	P	-	P	P	-	P	P	P																							
20.		Maynak Sarkar	-	P	P	P	P	P	P	P	P																							

Scooti Mollah
 HoD
 Department of Geography
 Dumkal College
 Basantapur, Murshidabad

REGISTER OF ATTEN. For the Month of

DANCE OF PUPILS

September 2022

Serial No.	Roll No.	NAME OF PUPILS
1.		Md. Abu Bakkar Siddiq
2.		Mahmud Hassan.
3.		Shabbhadip Saha
4.		Sourav Mia.
5.		Mustafin Sk.
6.		Ronio Mondal.
7.		Rupa Khatun Ansary.
8.		Emdadul Sk.
9.		Jinataman Begam.
10.		Manwar Hossain.
11.		Rimon Sk.
12.		Hafiz Asad.
13.		Sabin Ahmed.
14.		Sakil Ahmed.
15.		Mur salin
16.		Bittu Biswas
17.		Tanoy Kumar Saha.
18.		Bittu Biswas
19.		Ganesh Sarkar
20.		Maynak Sarkar.

Roll No.	ATTEN - DANCE																															No. of Days				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Present	Late Present	Absent or Leave	Absent with not leave	
1.	P	P	P	P	P	P																														
2.	P	P	P	P	P	P																														
3.	P	P	P	P	P	P																														
4.	P	P	P	P	P	P																														
5.	P	P	P	P	P	P																														
6.	P	P	P	P	P	P																														
7.	P	P	P	P	P	P																														
8.	P	P	P	P	P	P																														
9.	P	P	P	P	P	P																														
10.	P	P	P	P	P	P																														
11.	P	P	P	P	P	P																														
12.	P	P	P	P	P	P																														
13.	P	P	P	P	P	P																														
14.	P	P	P	P	P	P																														
15.	P	P	P	P	P	P																														
16.	P	P	P	P	P	P																														
17.	P	P	P	P	P	P																														
18.	P	P	P	P	P	P																														
19.	P	P	P	P	P	P																														
20.	P	P	P	P	P	P																														

No. Present Daily
No. Absent Daily
TOTAL

Hindus : + Muslims : + Others : = TOTAL :

No. of Eng Students : No. of U. Eng Students :

No. of Working Days During the Month :
Average Daily Attendance :
% of Attendance :

K. B. SINGH ENTERPRISE
WALIA, D. B. ROAD, TUMKUR

Scooti Khatun
HoD
Department of Geography
Dumkal College
Basantapur, Murshidabad







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DUMKAL COLLEGE

P.O-Basantapur,P.S-Dumkal,Dist.-Murshidabad,WestBengal, PIN-742406

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SYLLABUS

ADD ON COURSE

conducted by

Department of Geography

Course Title: GIS for Beginners

Course Overview

This course serves as an introduction to Geographic Information Systems (GIS) for beginners. Students will learn the fundamental concepts, tools, and techniques used in GIS for spatial data analysis, visualization, and mapping.

Course Duration

15 days

Course Objectives

1. Introduce students to the basic principles and applications of GIS.
2. Familiarize students with GIS software and its interface.
3. Teach students how to acquire, manage, and analyze spatial data.
4. Provide hands-on experience in creating maps and conducting spatial analysis.

Proposed Syllabus

Introduction to GIS

- Definition and importance of GIS
- Applications of GIS in different fields
- Overview of GIS software and tool
- Introduction to spatial data types (vector and raster data)
- Understanding coordinate systems and projections

GIS Data Sources

- Sources of spatial data (e.g., satellite imagery, GPS data)
- Data formats (shapefile, GeoTIFF, etc.)
- Data acquisition technique

Introduction to GIS Software

- Overview of popular GIS software (e.g., ArcGIS, QGIS)
- Navigation and interface familiarity
- Principles of cartography
- Creating thematic maps
- Labeling and symbolization techniques

Geocoding and Georeferencing

- Introduction to geocoding and georeferencing
- Hands-on exercises on geocoding addresses and georeferencing imagery



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Assessment Procedure

- Participation in class activities and discussions (10 marks)
- Written Examination (20 marks)

Prerequisites

No prior knowledge of GIS is required. Basic computer literacy is recommended.

Resources

Textbook: "Remote Sensing and GIS" by Basudeb Bhatta

Online tutorials and resources provided by the instructor

Access to GIS software and datasets for hands-on practice

Seoati Mollah
HoD
Department of Geography
Dumkal College
Basantapur, Murshidabad

TIME TABLE FOR ADD-ON COURSE ON GIS FOR THE BEGINNERS

SESSION 2022-2023

Department of Geography

Duration: (03.08.2022- 08.09.2022)

Date	Time	Teacher
03/8/22	1.30-3.30 pm	S MOLLAH
06/8/22	1.30-3.30 pm	P MONDAL
16/8/22	1.30-3.30 pm	S MOLLAH
22/8/22	1.30-3.30 pm	S MOLLAH
25/8/22	1.30-3.30 pm	S MOLLAH
26/8/22	1.30-3.30 pm	P MONDAL
27/8/22	1.30-3.30 pm	S MOLLAH
29/8/22	1.30-3.30 pm	S MOLLAH
31/8/22	1.30-3.30 pm	P MONDAL
01/9/22	1.30-3.30 pm	P MONDAL
02/9/22	1.30-3.30 pm	P MONDAL
05/9/22	1.30-3.30 pm	P MONDAL
06/9/22	1.30-3.30 pm	P MONDAL
08/9/22	1.30-3.30 pm	P MONDAL

Scoati Mollah
HoD
Department of Geography
Dumkai College
Basantapur, Murshidabad



CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

MD. ABU BAKKAR SIDDIQUE

For participating in the Add-on-Course on GIS for Beginners held by Department of Geography, Dumkal College, Basantapur, Murshidabad, West Bengal from 03.08.2022 to 08.09.2022 (6 weeks : 30 hours).

Swati Mollah

COURSE CO-ORDINATOR & HEAD
Department of Geography
Dumkal College
Basantapur, Murshidabad

PRINCIPAL
Dumkal College
Basantapur, Murshidabad



CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

MAHFUJ HASSAN

For participating in the Add-on-Course on GIS for Beginners held by Department of Geography, Dumkal College, Basantapur, Murshidabad, West Bengal from 03.08.2022 to 08.09.2022 (6 weeks : 30 hours).

Swati Mollah

COURSE CO-ORDINATOR & HEAD
Department of Geography
Dumkal College
Basantapur, Murshidabad

[Signature]

PRINCIPAL
Dumkal College
Basantapur, Murshidabad



CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

SHUBHADIP SAHA

For participating in the Add-on-Course on GIS for Beginners held by Department of Geography, Dumkal College, Basantapur, Murshidabad, West Bengal from 03.08.2022 to 08.09.2022 (6 weeks : 30 hours).

Sevati Mollah

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PRINCIPAL
Dumkal College
Basantapur, Murshidabad



CERTIFICATE

OF PARTICIPATION

This certificate is proudly presented to

SOURAV MIA

For participating in the Add-on-Course on GIS for Beginners held by Department of Geography, Dumkal College, Basantapur, Murshidabad, West Bengal from 03.08.2022 to 08.09.2022 (6 weeks : 30 hours).

Swati Mollah

COURSE CO-ORDINATOR & HEAD
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Dumkal College
Basantapur, Murshidabad

[Signature]

PRINCIPAL
Dumkal College
Basantapur, Murshidabad



CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

MUSTAKIN SK.

For participating in the Add-on-Course on GIS for Beginners held by Department of Geography, Dumkal College, Basantapur, Murshidabad, West Bengal from 03.08.2022 to 08.09.2022 (6 weeks : 30 hours).

Sevati Mollah
COURSE CO-ORDINATOR & HEAD
Department of Geography
Dumkal College

[Signature]
PRINCIPAL
Dumkal College
Basantapur, Murshidabad

Course End Examination 2022
Add on Course on 'GIS for Beginners'
Department of Geography
Dumkal College
Murshidabad

Full Marks: 50

Time: 4 hrs

Answer all questions

1. Define Geographic Information Systems (GIS) and explain its primary purpose. 5
2. Describe the difference between raster and vector data in GIS. 5
3. What are the key components of a GIS? Briefly explain each component. 10
4. Georeference the map provided to you. Obtain a shapefile from the map. Import this shapefile into a GIS software and display the map with proper level. 10
5. Digitize the five blocks of Murshidabad district. Create a thematic map showing population density of digitized blocks of Murshidabad district using Q-GIS software. 20

DUMKAL COLLEGE

MAIN ANSWER BOOK

Add-on Course (Geography) Examination, 2022-23.

Subject GIS Paper Half/ Group

INSTRUCTIONS

(must be read carefully by the examinees)

1. Answer must be written on both side of the pages of the book.
(EXCEPT BACK SIDE OF THE FRONT PAGE)
2. To avoid misuse of the papers, the examinees should write at least 15 lines in each page of the blank answer scripts.
3. **Carrying of Mobile phones, Bluetooth & Wifi Devices etc. in the Examination Center/Hall is strictly prohibited.**
4. A few pages of the book may be used for rough work or notes of calculations. They should be penned through afterwards. Nothing must be written on the question paper or blotting papers.
5. Candidates must make over unauthorised books and papers before the examination commences.
6. Candidates must remain seated until the answer-book is collected by the Invigilator. Those using supplementary answer sheets must get them stitched to the main answer-book before leaving the Hall.
7. Candidates using supplementary answer sheets must get them entered and signed by the Invigilator for each instalment in the cage provided below.
8. Pocket calculators not having memory safeguard facility may be used for calculation purpose.
9. **As per the University Regulations all answer scripts will be preserved for six months from the date of publication of results.**

Questions No.	Marks
1	4
2	4
3	8
4	8
5	15
Total	39

No of supplementary answer sheets issued					
Signature of the Invigilator					

B

Examiner's Signature

Scrutineer's Signature

Re-Examiner's Signature

Head Examiner / Coordinator's Signature

15-07-23
Signature of Invigilator
Form
Officer-in-Charge

Add-on Course (Geography) Examination, 2022-23

Roll 01 No. Reg. No. of

Subject Paper Half/Group

১. জৈবগণিতিক তথা ক্রমসূত্র (৬।৪) হল একটি পদ্ধতি যা জৈবগণিতিক বা স্থানিক - ডেটা - সংগ্রহ, সংরক্ষণ, বিশ্লেষণ এবং চিত্রায়ন করতে ব্যবহৃত হয়।

৬।৪ এর প্রাথমিক উদ্দেশ্যসূত্রসমূহঃ =

- i) ডেটা চিত্র ট্রেসী করাঃ = জৈবগণিতিক (বৈশিষ্ট্য) এবং ডেটার চিত্রায়ন, যা সহজে বোঝা যায়।
- ii) ডেটা বিশ্লেষণঃ = স্থানিক ডেটা বিশ্লেষণের মাধ্যমে সম্পর্ক এবং প্রবণতা নির্ধারণ।
- iii) সমস্যা সমাধানঃ = বিভিন্ন ডেটা সূত্রের ভিত্তিতে সমস্যা সমাধান এবং সমাধান বিকল্প নির্ধারণ।
- iv) পরিমাপন ও ক্রমসূত্রঃ = ডেটা ক্রমসূত্র; পরিমাপন সংরক্ষণ এবং সময় পরিমাপনসমূহ অন্যদের সিদ্ধান্ত গ্রহণে সহায়তা।
- v) তথ্য ভাগাভাগিঃ - জৈবগণিতিক ডেটা ~~সংরক্ষণ~~। সমস্ত সহজ সন্ধান করা এবং সহায়গিতিক সূত্রের সাথে ক্রমসূত্র।

A

2. ডেউকাৰ বন, বাঘাৰ ডেউকা ডাঙ-ৰ গুৰুতৰ
দুটি প্ৰকাৰ ডেউকা-কৰছাৰ। গুৰুতৰ আৰু
খুৰখুৰতৰ কাৰণত-বনাদে।

৩. ডেউকা-শ্ৰেণীসমূহ:-

ডেউকাৰ ডেউকা:- স্থানীয় বৈশিষ্ট্যসমূহ বিস্তৃত
আৰু বহুভাষীয়া আৰু উল্লেখ্য কৰা হয়।

উদাহৰণস্বৰূপে- কলিঙা নদীত বেঙা-বন, কলিঙা-বন
বহুভাষীয়া বৈশিষ্ট্য উল্লেখ্য কৰা-যাওঁ পাৰে।

বাঘাৰ ডেউকা:- স্থানীয় তথা স্থিত-আলোচ্য
প্ৰধান প্ৰাণীসমূহ বা বিলম্বিত-কলিঙা
আৰু (যেমন-তাপমাত্ৰা বা উষ্ণতা)-যাওঁ।

৪. ডেউকা-বন:

ডেউকাৰ ডেউকা:- নিৰ্দিষ্ট ৩ প্ৰকাৰ বৈশিষ্ট্য
(যেন-বন, কলিঙা, কীয়া) প্ৰদৰ্শনে-উল্লেখ্য।

বাঘাৰ ডেউকা:- অবিহীন বৈশিষ্ট্য
(যেন-তাপমাত্ৰা) প্ৰদৰ্শনে-উল্লেখ্য। (যেন-উষ্ণতা-উষ্ণতা)

৫. বৈজ্ঞানিক-বন:-

ডেউকাৰ ডেউকা:- বৈজ্ঞানিক-বন-স্থানীয়, স্থানীয়
পৰিবেশত-স্থানীয় ডেউকাৰ নিৰ্ভৰশীলতা-উল্লেখ্য
যাওঁ।

বাঘাৰ ডেউকা:- বৈজ্ঞানিক-বন-নিৰ্ভৰ-স্থানীয়
স্থানীয় স্থানীয়-যত-স্থানীয়, তত-স্থানীয় স্থানীয়।

৪. ফলস্বরূপ আকার:-

হৃৎকর্ষক হেঁচা:- সার্বজনীন হৃৎকর্ষক আকারে
ফাইনাল হেঁচা- লব, অরুণ সচি নির্দিষ্ট-
ইকোলিটের সংশ্লিষ্ট আকার।

স্বাক্ষর হেঁচা:- বড় আকারে ফাইনাল হেঁচা লব
লব, বিশেষত উচ্চ হেঁচা নির্দিষ্ট আকারে - হেঁচা।

৫. প্রাথমিক হৃৎকর্ষক:-

হৃৎকর্ষক হেঁচা:- পরিষ্কৃত জাতীয় হৃৎকর্ষক
স্বাক্ষর - সীমিত নির্দিষ্ট হেঁচা উৎস।

স্বাক্ষর হেঁচা:- উচ্চ আকারে, সার্বজনীন হেঁচা
স্বাক্ষর পরিষ্কৃত হেঁচা নির্দিষ্ট আকারে।

~~হেঁচা~~

৬. জৈবিক তত্ত্ব ব্যবস্থা (৬।১) স্বাক্ষর উৎস
স্বাক্ষর বা বিক্রি উৎসের সংশ্লিষ্ট স্বাক্ষর
করে। এই উৎসের সূত্র স্বাক্ষর করে
স্বাক্ষর হেঁচা - স্বাক্ষর, বিশেষত উচ্চ হেঁচা
স্বাক্ষর স্বাক্ষর স্বাক্ষর প্রকারে করে।

৭. স্বাক্ষর :-

স্বাক্ষর হল স্বাক্ষর স্বাক্ষর স্বাক্ষর স্বাক্ষর
স্বাক্ষর বা ৬।১ স্বাক্ষর স্বাক্ষর স্বাক্ষর
স্বাক্ষর স্বাক্ষর স্বাক্ষর

স্বাক্ষর :- হেঁচা স্বাক্ষর ও বিশেষত স্বাক্ষর
স্বাক্ষর স্বাক্ষর স্বাক্ষর

১. GPS স্টেশন:- স্থায়িক স্থানিক ডেটা সংগ্রহের জন্য ব্যবহৃত হয়।

স্বাক্ষরিত ডিওইস: স্বাক্ষরিত স্যাটেলাইট প্রদত্ত স্থানাঙ্ককে (স্থানাঙ্ক) বলে। [স্থানাঙ্ক পরিষ্কার, স্বা, প্লট করা] = স্থানাঙ্ক ডিফিনিশন করেছাড়া স্থানাঙ্ক স্বা, স্থানের-২য় ব্যবহৃত হয় উন্নত পারফরম্যান্সের হার্ডওয়্যার দ্বারা নির্মিত হয় এবং কার্যকর জ্যামিতিক মাপের জন্য।

২. সফটওয়্যার:

GPS সফটওয়্যার হল প্রসারিত বা জ্যোতিষিক ডেটা সংগ্রহ, স্টোরেজ, বিশ্লেষণ এবং চিত্রায়নে ব্যবহৃত হয়। জনপ্রিয় GPS সফটওয়্যারগুলোর মধ্যে রয়েছে ArcGIS, QGIS: ডেটা স্থানান্তর, স্যাটেলাইট, এবং স্থানিক বিশ্লেষণের জন্য ব্যবহৃত জনপ্রিয় সফটওয়্যার।

Map Info: আরও নির্দিষ্ট বিশ্লেষণ প্রকল্পের জন্য ২য় ব্যবহৃত হয়।

GPS সফটওয়্যার বিভিন্ন বিশ্লেষণ মূলক-ভিত্তিক এবং স্যাটেলাইট প্রকৃতি প্রদান করে, যা প্রিন্টাউট প্রদান করে।

৩: ডেটা:- ডেটা হলো GPS এর প্রধান উৎস এবং প্রতি দুই ডেটা বিডক:-

স্থানিক ডেটা:- জ্যোতিষিক স্যাটেলাইটের সাহায্যে স্থানাঙ্ক তথ্য সংগ্রহ করা। প্রতি দুই ডেটা (পাথক, লাইন, পয়েন্ট) এবং বাধের (সিউ বা কোম) করেছাড়া থাকে।

ভ্রম বিহীন হওয়া: স্থানিক বৈশিষ্ট্য সম্বন্ধে বস্তু-
গুণক তথ্য সরবরাহ করে, স্থান, বাসার
নাম, একটি সন্মার বসস্থানা ইত্যাদি।

দাঁড় হওয়া: স্টারেলাইজেশন, GPS, ডাবিট,
স্বয়ং সরকারি হুডটা হুম স্থান, স্টার
করা হয়। সঠিক সব, আনডেড করা
হুডটা সঠিক বিশ্লেষণ নিশ্চিত করে।

৪। স্থান: স্থান রন দাঁড় বিশ্লেষণের
করকারী, যারা এই হুডটা বিশ্লেষণ
কর এবং বিভিন্ন-স্থানীয় স্থানীয়
খুঁজে পের করে। প্রদেয় স্থান
বয়েছে।

দাঁড় বিশ্লেষণ: যারা হুডটা বিশ্লেষণ
আনুষ্ঠান করে।

কার্যে প্রকার: স্থানটির লক্ষণ ও উদ্দেশ্য
বিশ্লেষণ করে।

বিশ্লেষণ: যারা দাঁড় স্থান প্রাপ্ত বিশ্লেষণ
উপর ভিত্তি করে বিশ্লেষণ করা করে, যখন
লক্ষণ পরিচালনা করা বা পরিচালনা।
সহজাত স্থানীয় স্থানীয় বিশ্লেষণ
আনুষ্ঠান (যেমন Google maps) করা
করে।

ପଦ୍ଧତି:- ପଦ୍ଧତି ହେଉଛି ପ୍ରକ୍ରିୟା ଓ ଜାଣିବା
ଯା ୧।୫ ୨ ଡେଇଁ ବିଶ୍ଳେଷଣର ୨) ବ୍ୟବହାର

ଉପାହରଣ:- ଆନିକ ବିଶ୍ଳେଷଣ ପଦ୍ଧତି:-
ଆନିକର ପ୍ରକ୍ରିୟା ବିଶ୍ଳେଷଣ କରୁ ଅନୁସାରେ
ଆନିକର କର ।

ଆନିକ ଓ ଆନିକାଦିକା: ଡେଇଁର ଆନିକ
ପ୍ରକ୍ରିୟା ବା ଆନିକର ବିଶ୍ଳେଷଣ କର ।
ପଦ୍ଧତି ଓ ବିଶ୍ଳେଷଣର ପ୍ରକ୍ରିୟା କରୁ ଅନୁସାରେ
ବିଶ୍ଳେଷଣ କରା ହୁଏ ଯା ଆନିକ ଅନୁସାରେ
କରା କରୁ- ଆନିକର ପ୍ରକ୍ରିୟା କର ।

୬. ଡେଇଁକା:

୪

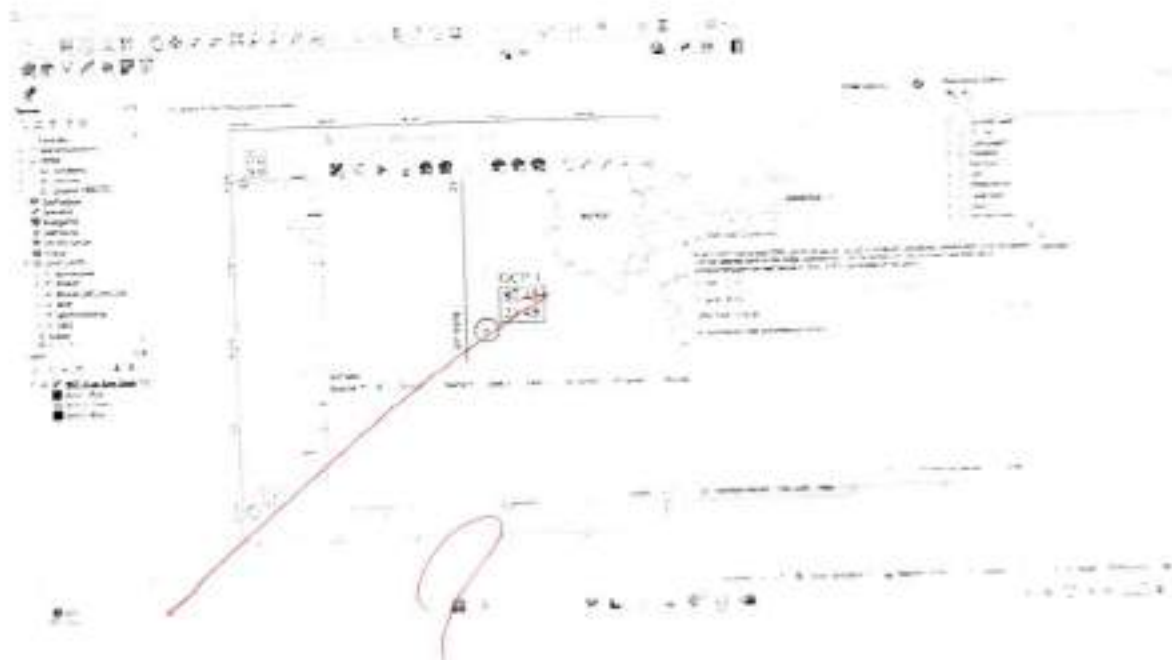
ଡେଇଁକାର ଆନିକ ବିଶ୍ଳେଷଣର ଡେଇଁ
କାଳାକାଳି କରୁ ଅନୁସାରେ ଆନିକର କରୁ
କରା କର । ଆନିକର ୧।୫ ବିଶ୍ଳେଷଣ-
ପ୍ରକ୍ରିୟା ୨) ଆନିକର କରୁ ଆନିକର କରୁ
ଆନିକର, ଯା ଡେଇଁର ଆନିକର କରୁ ବିଶ୍ଳେଷଣ-
କରୁ ବିଶ୍ଳେଷଣ କରୁ ଅନୁସାରେ କରୁ
କରୁ- ବିଶ୍ଳେଷଣ ୧।୫ ବିଶ୍ଳେଷଣର କରୁ
କରୁ କରୁ କରୁ କରୁ କରୁ କରୁ
ଓ ବିଶ୍ଳେଷଣର କରୁ କରୁ କରୁ ।



Use of Georeferencer Tool for Georectification



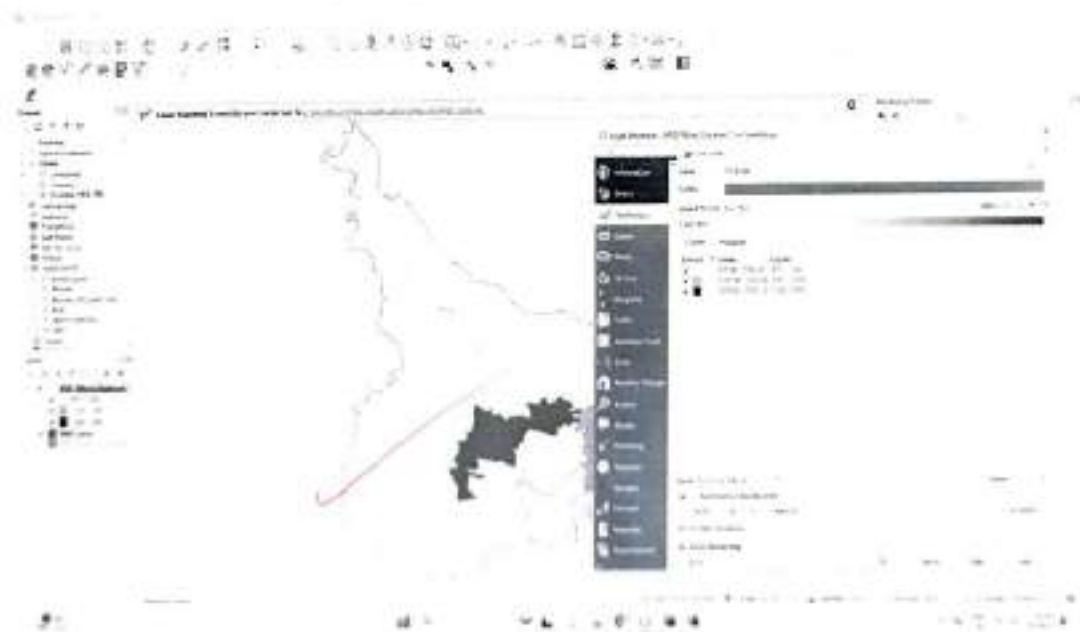
Entering Ground Control Points (GCPs) into Scan Raster Map (Given)



8



Use of Symbology Tool for the creation of Choropleth Map



1) GIS (Geographic Information System) হলো একটি প্রযুক্তি যা স্থানিক ডেটা সংগ্রহ, বিশ্লেষণ, এবং উপস্থাপনার জন্য ব্যবহৃত হয়। এটি স্থানিক তথ্যের মাধ্যমে বিভিন্ন তথ্য চিত্রিত করে সিদ্ধান্ত গ্রহণে সহায়তা করে।

GIS এর উপযোগিতা অনুরূপে: স্থানিক ব্যবহার পরিকল্পনা, পরিবেশ পর্যবেক্ষণ, নগর উন্নয়ন, এবং প্রাকৃতিক দুর্যোগ ব্যবস্থাপনা।

4

2) ডেটার ধরণ: Raster ডেটা স্পিরিটালিটি পিঙ্কাল বা গ্রিডে মাধ্যমে স্থানীয় স্থান প্রকাশ করে, যখন Vector ডেটা পয়েন্ট, লাইন এবং বহুভুজের মাধ্যমে স্থানীয় বিন্দু চিত্রিত করে।

সৌকর্য এবং নির্ভুলতা: Raster ডেটা বড় প্রকারের ডেটা আকার তথ্য সংরক্ষণ করে, কিন্তু কম নির্ভুলতা রয়েছে। Vector ডেটা উচ্চ নির্ভুলতা সহ স্থানীয় বিন্দু সংরক্ষণ করে।

4

3) GIS-এর প্রধান কন্ট্রোলিং গুলি হলো:

(i) Hardware: GIS পরিচালনার জন্য প্রয়োজনীয় কম্পিউটার এবং অন্যান্য ডিভাইস।

1) GIS (Geographic Information System) হলো একটি প্রযুক্তি যা স্থানগত তথ্য সংগ্রহ, বিশ্লেষণ, এবং উপস্থাপনার জন্য ব্যবহৃত হয়। এটি স্থানচিহ্নের মাধ্যমে বিভিন্ন তথ্য চিত্রিত করে সিদ্ধান্ত গ্রহণে সহায়তা করে।

GIS এর উপযোগিতা অন্তর্ভুক্ত: পরিষ্কার পরিচ্ছন্নতা, পরিবেশ পরিবেশন, নগর উন্নয়ন, এবং প্রাকৃতিক দুর্যোগ ব্যবস্থাপনা।

A

2) ডেটা বর্ধন: Raster ডেটা পরিচ্ছন্নতা পিঙ্কাল বা পিঙ্কাল মাধ্যমে স্থানীয় স্থান প্রকাশ করে, যখন Vector ডেটা পয়েন্ট, লাইন এবং বহুভুজের মাধ্যমে স্থানীয় বৈশিষ্ট্য চিত্রিত করে।

স্টোরেজ এবং নিষ্কাশন: Raster ডেটা বহু প্রকারে স্টোরেজ মাধ্যমে সংরক্ষণ করে, কিন্তু কম নিষ্কাশন রয়েছে। Vector ডেটা উচ্চ নিষ্কাশন সহ স্থানীয় বৈশিষ্ট্য সংরক্ষণ করে।

4

3) GIS-এর প্রধান কন্ট্রোলিং গুলি হলো:

(i) Hardware: GIS পরিচালনার জন্য প্রয়োজনীয় কম্পিউটার এবং অন্যান্য ডিভাইস।

(ii) Software : দুর্দে বিকল্পিত প্রবণ জ্ঞানচিত্র
জন্য ব্যবহৃত সফটওয়্যার।

(iii) Data : অমানিশ প্রবণ হু-তথ্য যা জিআইস-এ
ব্যবহৃত হয়।

(iv) People : জিআইস পরিচালনা ও বিকল্পিত
জন্য দক্ষ জনসক্তি।

(v) Methods : দুর্দে সঙ্গ্রহ, বিকল্পিত ও
উপস্থাপনজন্য ব্যবহৃত পদ্ধতি।

৫

(ii) Software : দুর্দেব বিকল্পিত এবং স্বাভাবিক
জন্য ব্যবহৃত অফটোয়্যাব।

(iii) Data : অমানিয় এবং ছে-তথ্য যা GIS-এ
ব্যবহৃত হয়।

(iv) People : GIS পরিচালনা ও বিকল্পিত
জন্য দক্ষ জনসক্তি।

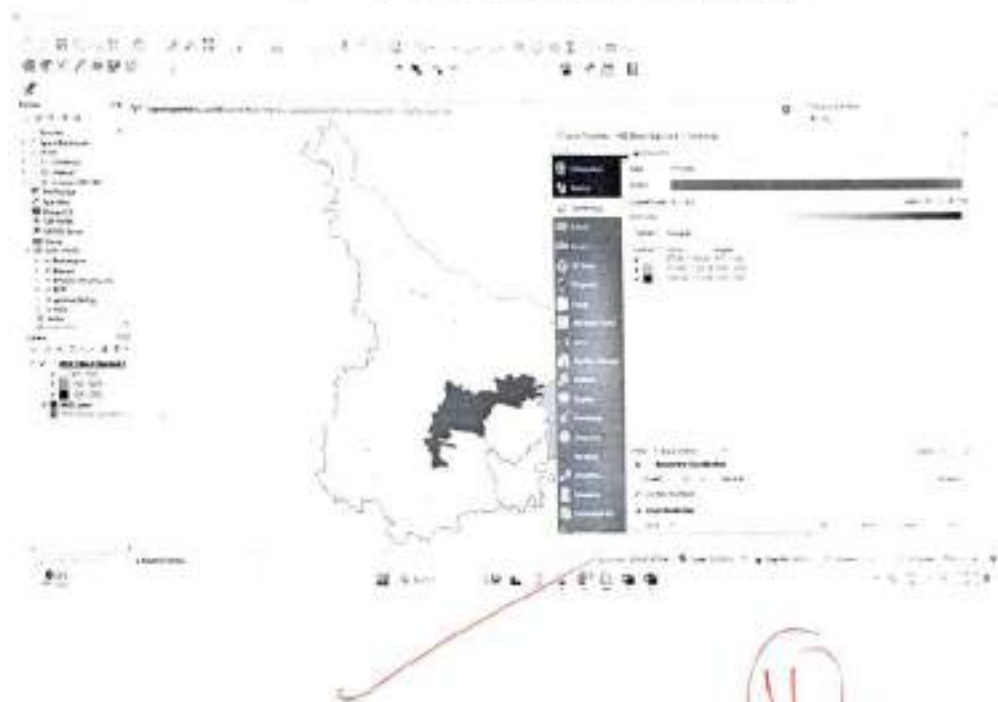
(v) Methods : দুর্দেব অণুপ্রহ, বিকল্পিত ও
উপস্থাপনজন্য জন্য ব্যবহৃত দক্ষতি।

Corrected Georeferencing

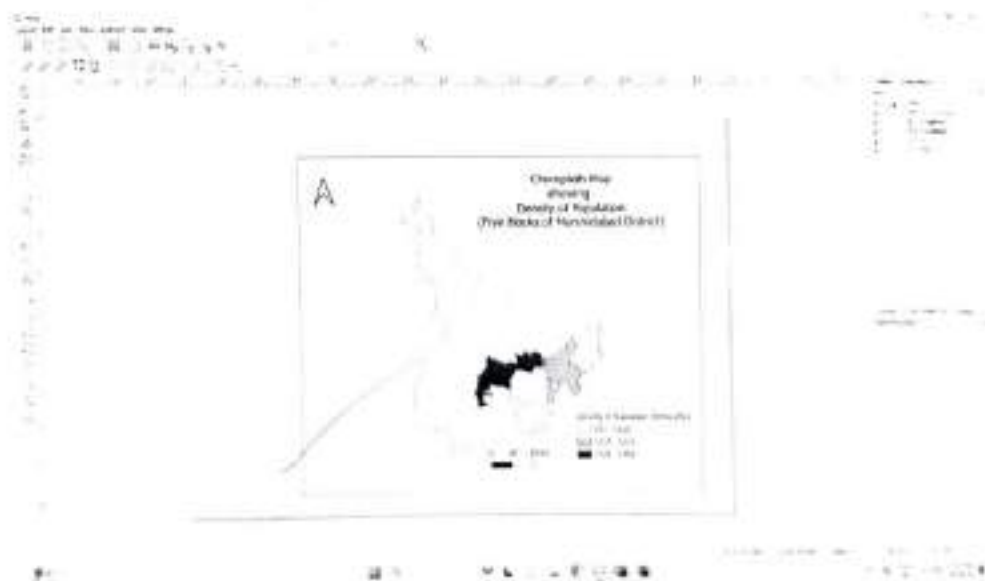


5

Use of Symbology Tool for the creation of Choropleth Map



Map Annotation 'Layout Manager' of QGIS



কল্পিতভাবে - ভিত্তিক একটি টুল যা স্থানিক তথ্য সংগ্রহ, সংরক্ষণ, বিশ্লেষণ এবং প্রাপ্তি করে তাকে ভৌগোলিক তথ্য ব্যবস্থা বলে।

GIS এর মূল উদ্দেশ্য গুলি হলো বিভিন্ন ধরনের ভৌগোলিক তথ্য সংগ্রহ করা ব্যবহারকারীদের স্থানিক তথ্য এবং ভৌগোলিক স্থানে সন্ধান, স্টোরেজ ও প্রকাশনা বিশ্লেষণ করা। গুরুত্বপূর্ণ উদ্দেশ্যগুলি হলো পরিবেশ, কৃষি এবং পরিবহন-সহ বিভিন্ন ক্ষেত্রে সিদ্ধান্ত গ্রহণ এবং প্রশাসনিক সিদ্ধান্তে সহায়তা করা। বিভিন্ন ধরনের তথ্য একত্রিত করে, GIS ব্যবহারকারীদের স্থানিক সন্ধান করতে এবং ডিজিটাল ব্যবহার, প্রিন্ট বস্তু ও অনলাইনে উন্নত কার্যকর সিদ্ধান্ত নিতে সহায়তা করে। 4

2. GIS-এর সফটওয়্যার এবং হার্ডওয়্যার হলো দুটি প্রধান উদ্ভাবন।

i) সফটওয়্যার উদ্ভাবন একটি গ্রিড বা কোর্ডিনেট সিস্টেমে স্থানিক তথ্য প্রদর্শন করে, যেখানে প্রতিটি কোর্ডিনেট নির্দিষ্ট স্থান থাকে, যা অবিচ্ছিন্ন উদ্ভাবন উদ্ভাবন, উপস্থাপনা বা ডিজিটাল প্রদর্শন করতে ব্যবহৃত হয়। এটি সফটওয়্যার টুলসেট এবং লক্ষ্যভুলের জন্য উপযুক্ত। অন্য দিকে, হার্ডওয়্যার উদ্ভাবন বিদ্যুৎ, রেজলিউশন এবং বহু ডেটাবেস সিস্টেমে ভৌগোলিক সিস্টেমের উন্নয়ন করে, যা সফটওয়্যার এবং নির্দিষ্ট বহু প্রদর্শনে কার্যকর। 4

ii) সফটওয়্যার উদ্ভাবন ভৌগোলিক সিস্টেম - নির্ভর, প্রায় হার্ডওয়্যার উদ্ভাবন টেকনিক - স্থানিক

১. একটি ভৌগোলিক তথ্য ব্যবস্থা (GIS) এর প্রধান উপাদানগুলো হল

- a) Hardware
- b) Software
- c) Data
- d) People

২. Hardware:

সফটওয়্যার হল সেই যন্ত্রপাতি যা GIS চালানোর জন্য প্রয়োজন হয়। এর মধ্যে কম্পিউটার, প্রিন্টার, এবং GPS ইন্টারনেট এবং মোবাইল ডিভাইস অন্তর্ভুক্ত থাকে, যা ভৌগোলিক ডেটা সংগ্রহ, প্রদর্শন এবং বিশ্লেষণে সহায়তা করে। উন্নত পারফরম্যান্সের কম্পিউটার এবং স্টোরেজ ক্যাপাসিটির ডিভাইসগুলো, বিশেষ করে বড় ডেটাসেট, মেমোরি সিস্টেমসহ হার্ড ডিস্ক লাইব্রেরি উন্নত গুরুত্বপূর্ণ। ক্যানার, স্ক্যানারের সাথে অন্যান্য যন্ত্রপাতি: ও ব্যবহৃত হতে পারে।

২. Software

সফটওয়্যার GIS এর মূল কার্যকরী অংশ, যা ডেটা ক্যাপচার, প্রদর্শন, বিশ্লেষণ এবং চিত্রমূলের জন্য প্রয়োজন। ArcGIS, QGIS প্রভৃতি হল GIS সফটওয়্যারের উদাহরণ। এই সফটওয়্যারগুলোর সমর্থন প্রাপ্তি গঠন ও তার বিশ্লেষণ কাজ করা হয়। কিছু বিশেষায়িত GIS সফটওয়্যারে 3D মডেলিং, টেলিমেট্রিক বিশ্লেষণ এবং ডি-লাইফিংয়ের মূলক কার্যক্রমও করা হয়।

ওপেন সোর্স সফটওয়্যার, যেমন QGIS.
কোনো মডেল ছাড়াই কালিফোর্নিয়া টোল
ব্যবহার করতে পারি।

৩. Data

ডেটা হল GIS এর প্রধান অংশ। এটা
প্রধানত দুই ধরনের হয়:

১) স্থানিক ডেটা এবং

২) অ্যান্ড্রিভিউ ডেটা

স্থানিক ডেটা: স্থানগত বৈশিষ্ট্যের অবস্থান
এবং আকারকে উপস্থাপন করে, যা রাস্তার
বা ব্লকের মতো হয়।

অ্যান্ড্রিভিউ ডেটা: ডেটা স্থানিক বৈশিষ্ট্যগুলির
বর্ণনামূলক তথ্য প্রদান করে, যেমন একটি
কম্পার্স নাম বা একটি কাঠের উৎস।

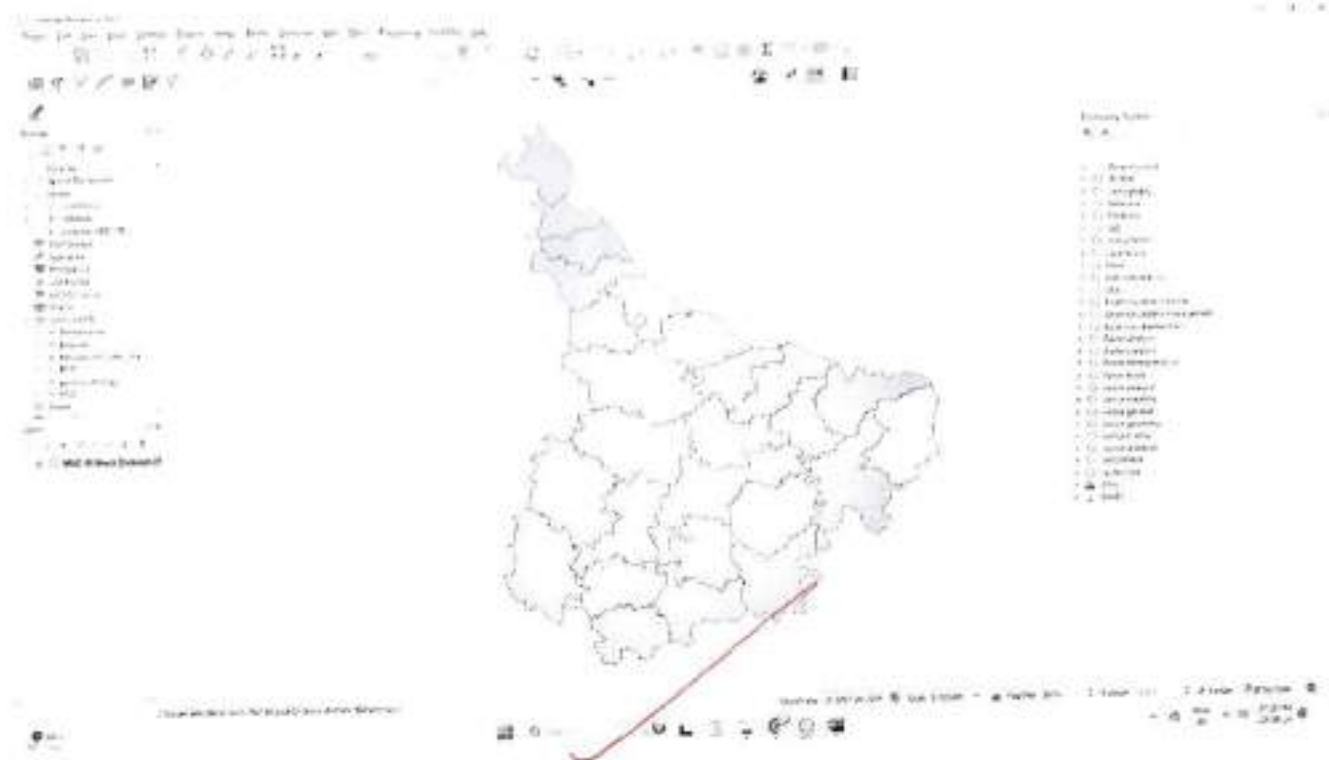
GIS ডেটা বিভিন্ন উৎস থেকে আসে,
যেমন স্যাটেলাইট চিত্র, GPS ডেটা,
ওপেন সোর্স প্রোগ্রাম। ডেটার মান এবং
নির্ভরতা- অথবা গুরুত্ব, কারণ-প্রতি
ডেটা নির্ভরযোগ্য ফলাফল প্রদান করে।

৪. People

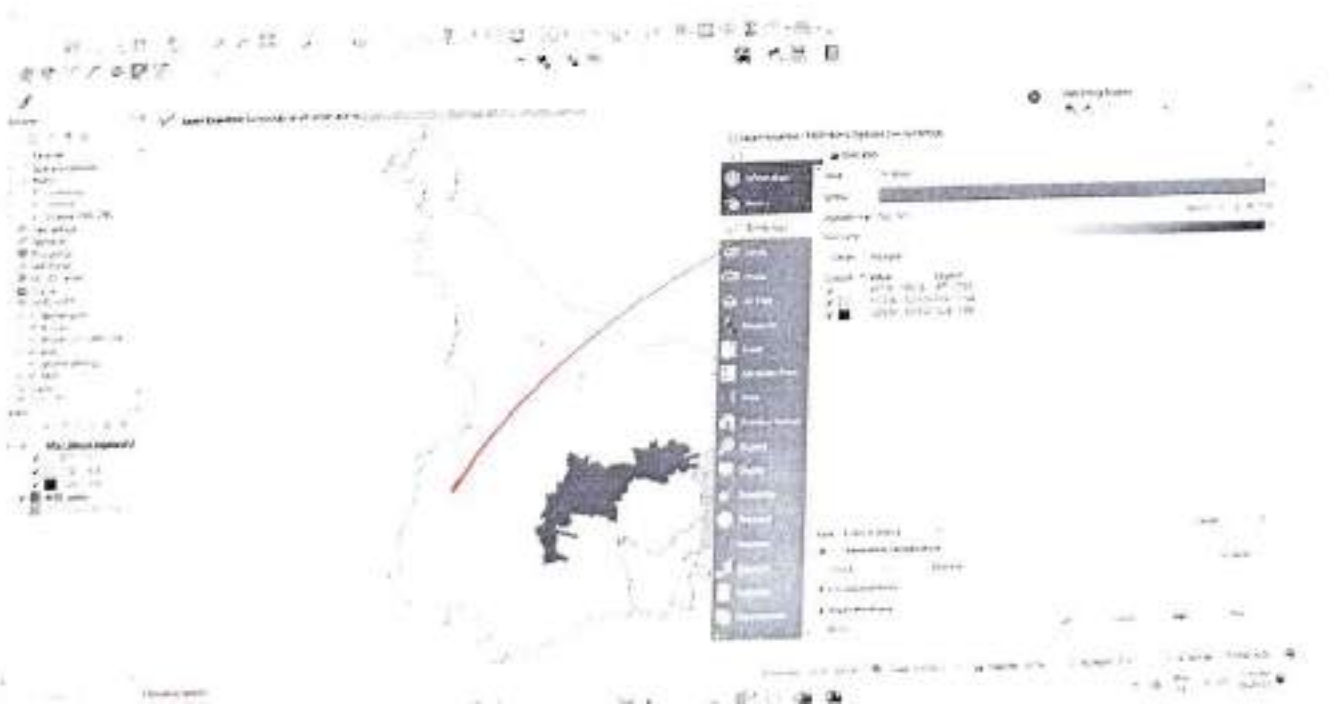
মানুষ হল GIS এর ব্যবহারকারী, যারা এই
সিস্টেমের মাধ্যমে তথ্য বিশ্লেষণ এবং
সিদ্ধান্তে আসে। GIS প্রোগ্রামের যেমন
মানচিত্র, ডিজিটাল ম্যাপ, নগর
পরিকল্পনাকারী এবং ডেটা বিশ্লেষণ
সিস্টেমটি ব্যবহার করে স্থানিক ডেটা

ব্যাখ্যা- করে এবং তথ্য প্রদান করে।
 শিক্ষার্থী প্রশ্নকারী, যেমন প্রকল্প
 কর্মসূচী বা ক্লাসের নেতা, GIS সফটওয়্যার
 প্রয়োগের বিভিন্ন উদাহরণ নির্দেশ
 করে। নীতিমূলক এবং বিনিয়োগের
 শিক্ষার্থী নেতা। প্রকল্পের উদাহরণ
 Google Maps এর বিভিন্ন ফিচার
 প্রদর্শন করে এবং GIS
 এর প্রয়োগ শুরু হয়। প্রকল্পের GIS
 ক্লাসের উদাহরণ প্রদর্শন এবং
 উদাহরণ প্রদর্শন, যাতে GIS
 প্রকল্পের প্রয়োগ ও বিকাশ-
 করা যায়।

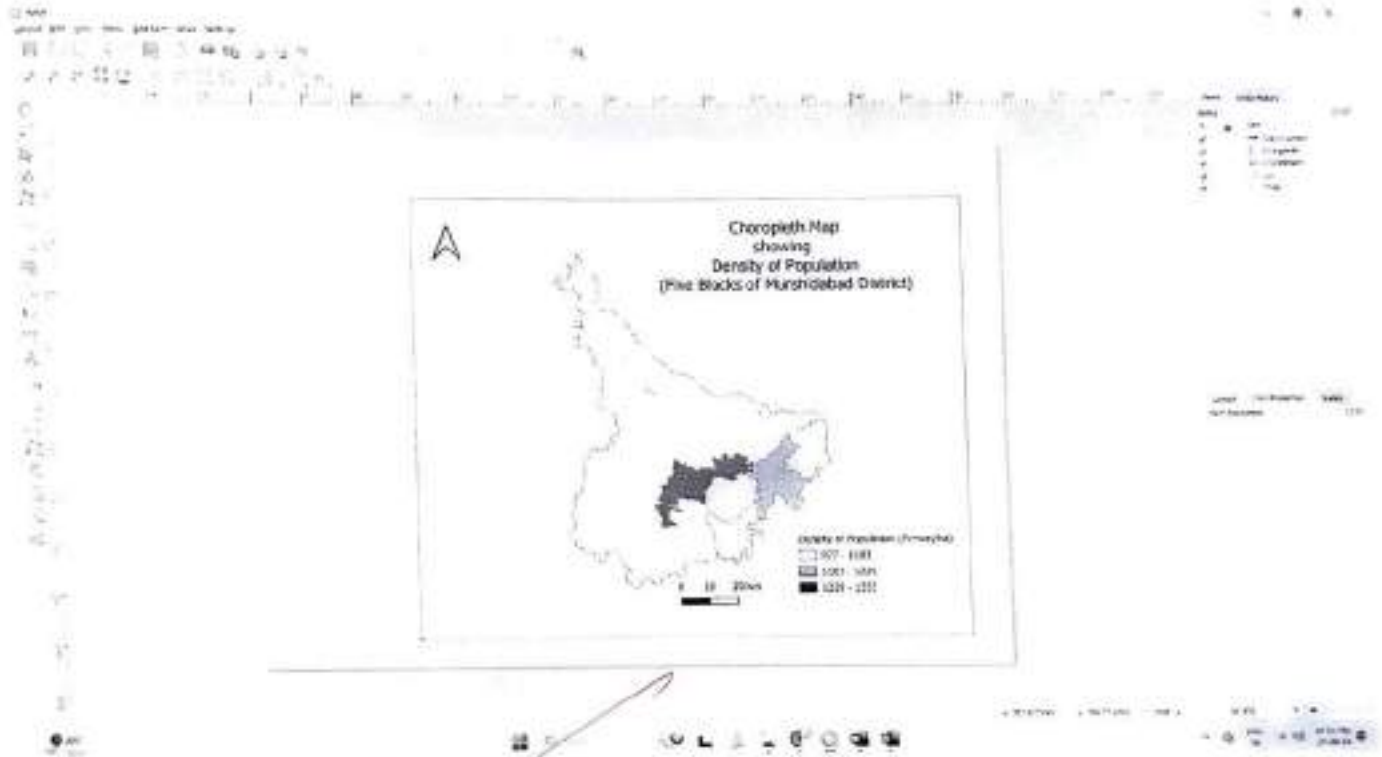
✓ 15 ✓



Use of Symbology Tool for the creation of Choropleth Map



Map Annotation 'Layout Manager' of QGIS



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1। জ্যোতিষিক ওয়াস ব্যবস্থা (GIS) হল বিভিন্ন ভৌগোলিক-স্থিতিক একটি টুল যা স্থানিক বা ভৌগোলিক ডেটা সংগ্রহ, সংরক্ষণ, বিশ্লেষণ এবং প্রদর্শন করে। GIS বিভিন্ন যন্ত্রের ডেটা সংগ্রহ করে, ব্যবহারকারীদের জন্য উপস্থাপন করে এবং ভৌগোলিক স্থানে অক্ষর, প্রাচীর ও প্রকল্প বিশ্লেষণ করতে সহায়তা করে। এতে প্রধান টেকনিক হল জরিপ পদ্ধতি, পরিবেশ ব্যবস্থাপনা, স্থিতি এবং পরিবর্তন সহ বিভিন্ন ক্ষেত্রে সিদ্ধান্ত গ্রহণ এবং সমস্যা সমাধানে সহায়তা করা। বিভিন্ন প্রকারে ওয়াস প্রদর্শন করে, GIS ব্যবহারকারীদের স্থানিক অক্ষর বুঝতে এবং ছবি ব্যবহার, অক্ষর করা ও পরিকাঠামো উন্নয়নে কার্যকর সিদ্ধান্ত নিতে সহায়তা করে।

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2. GIS-এ ব্যক্তিগত এবং পেশার দুইটি প্রধান ডেটা স্তর। ব্যক্তিগত ডেটা একটি স্থিতি বা কোষের মাধ্যমে স্থানিক ওয়াস প্রদর্শন করে, যেখানে প্রতিটি কোষ নির্দিষ্ট স্থান থাকে, যা বিভিন্ন ডেটা স্তর উন্নয়ন, ওয়াস বা স্থিতি ওয়াস প্রদর্শন করতে ব্যবহৃত হয়। এটি সঠিকভাবে ব্যক্তিগত এবং পেশার উন্নয়ন। অন্যদিকে, পেশার ডেটা বিস্তৃত, সেখানে এবং ব্যক্তিগত মাধ্যমে ভৌগোলিক স্থিতি উন্নয়ন করে, যা স্থান, স্থিতি এবং

নির্দিষ্ট বস্তু প্রদর্শন কার্যকর। বস্তুটিকে
ডেটা স্কেজোলিটিকাল - নির্ভর, এগু ডেটু
ডেটা স্কেল - স্থানীয়, নির্ভুলভাবে স্থানীয়
বৈজ্ঞানিক প্রদর্শন করতে পারে।

২. একটি ভৌগোলিক ওয়াস ব্যবস্থা (GIS) -
এক প্রবীণ উপাদানগুলো মূল সার্ভিস, অফিস, অফিস, ডেটা, ব্যবহারকারী বা সার্ভিস
পদ্ধতি এবং নেটওয়ার্ক। এই উপাদানগুলো
একত্রে কাজ করে, স্থানীয় বা ভৌগোলিক
ডেটা অফিস, বিশ্লেষণ, অফিস এবং
স্থানীয় অফিস করে। নিচে প্রতিটি
উপাদানের অফিস বাধ্য দেওয়া হলো:

১. সার্ভিস

সার্ভিস মূল অফিস আধুনিক ডিভাইস এবং
মহাকাশি বা GIS চালানোর জন্য প্রয়োজন
হয়। এতে অফিস কমিউনিকেশন, সার্ভিস,
GIS ইন্টারনেট এবং মোবাইল ডিভাইস
অফিস থাকে যা স্থানীয় ডেটা অফিস,
অফিস এবং বিশ্লেষণ ব্যবহৃত হয়। এতে
পারফরম্যান্সের কমিউনিকেশন এবং বহু
ডেটারে কাজের অফিস ডিভাইসগুলো
বিশ্লেষণের বহু ডেটা, অফিস
অফিসের ইন্টারনেট বা LIDAR ডেটা
পরিচালনার জন্য ব্যবহৃত। অফিস,
সার্ভিস অফিস অফিস মাস্টার

ଅବଗତ ହେବା ପାଇଁ, ଯା କାରଣରେ ଜାଣିବା
ଡିଜିଟାଲ ମାର୍କେଟିଂରୁ ବ୍ୟବହାର କରାଯାଏ
କରେ ।

୨. ଅନୁପ୍ରାପ୍ତ

ଅନୁପ୍ରାପ୍ତ GIS- ଏହା ମୂଳ କାର୍ଯ୍ୟକ୍ରମୀ ପ୍ରଣାଳୀ,
ଯା ଟେକା କରାଯାଏ, ଅନୁପ୍ରାପ୍ତ, ବିଶ୍ଳେଷଣ ଏବଂ
ସିଦ୍ଧାନ୍ତରୁ ଜଣା ପ୍ରମୋଦନ । Arc GIS, QGIS,
ଏବଂ MapInfo ମୂଳ ଜନପ୍ରିୟ GIS ଅନୁପ୍ରାପ୍ତ
ଏବଂ ଡେଭଲପର । ଏହି ଅନୁପ୍ରାପ୍ତରୁ ଆବିଷ୍କାର
ଜାଣିବା ଟେକା, ଅନୁପ୍ରାପ୍ତ, ଆନିକ ବିଶ୍ଳେଷଣ
ଏବଂ ସିଦ୍ଧାନ୍ତ ଟେକା କାର୍ଯ୍ୟକ୍ରମୀ । କିନ୍ତୁ
ବିଶ୍ଳେଷଣିତ GIS ଅନୁପ୍ରାପ୍ତରେ 3D ଆବିଷ୍କାର
ନେତୃତ୍ୱ ବିଶ୍ଳେଷଣ ଏବଂ ୧- ପରିସ୍ପର୍ଶ୍ୟ
ମୂଳକ କାର୍ଯ୍ୟକ୍ରମୀ କରା ଯାଏ । ଟେକା-ଆର୍ଜ
ଅନୁପ୍ରାପ୍ତ, ଯେଉଁ QGIS, ଅନୁପ୍ରାପ୍ତ ଜନପ୍ରିୟ
ହେଉ ଟେକା, ଯା ବ୍ୟବହାରକାରୀଙ୍କୁ କୋରା
ଏବଂ ଜାଣିବା ଜାଣିବା ଟେକା ବ୍ୟବହାର
କରାଯାଏ ।

୩. ଟେକା

ଟେକା ମୂଳ GIS ଏବଂ ଆନିକ । ଏହି ପ୍ରଣାଳୀ
ହେଉ ଟେକା ହେଉ : ଆନିକ ଟେକା ଏବଂ
ଅନୁପ୍ରାପ୍ତ ଟେକା । ଆନିକ ଟେକା ହେଉ
ଟେକା-ଆର୍ଜରୁ ଅନୁପ୍ରାପ୍ତ ଏବଂ ପ୍ରଦାନ
କରେ, ଯେଉଁ ଏକଟି ବ୍ୟବହାର ନାମ ବା ଏକଟି
କାର୍ଯ୍ୟକ୍ରମ ଜନପ୍ରିୟ । ଟେକା ଆନିକ ଏବଂ

নির্ভুলতা ও তত্ত্ব গুরুত্বপূর্ণ, কারণ অধিক
ডেটা নির্ভুল যোগ্য ফলাফল প্রদান করে।
GIS ডেটা বিভিন্ন উৎস থেকে আসে,
যেমন ডাটাবেইজ সি, GIS ডেটা,
অনুলিপি অঙ্কন, প্রকল্প ওপেনআর্স সফটওয়্যার

৪. মানুস

মানুস হল GIS-এর ব্যবহারকারী, যারা
এই সফটওয়্যার মাধ্যমে ওপর বিশ্লেষণ
এবং সিদ্ধান্ত গ্রহণ করে। GIS সফটওয়্যার
যেমন মানচিত্রকার, জ্যোতিষবিদ, নগর
পট্টিকল্পনাকারী এবং ডেটা বিশ্লেষকরা
সফটওয়্যারটি ব্যবহার করে প্রশাসনিক ডেটা
ব্যবস্থা করে এবং ওপর প্রদান করে।
সিদ্ধান্ত গ্রহণকারী, যেমন অনুলিপি
কর্মকর্তা বা ব্যবহার নেতা, GIS দ্বারা
প্রস্তুতকৃত স্ট্রিপার্টের উপর নির্ভর করে
নীতিমালা এবং বিনিয়োগের সিদ্ধান্ত
নেত। অধীস্থ জনজনও Google maps
বা বিভিন্ন ওয়েব-সাইট সফটওয়্যার
মাধ্যমে GIS-এর সাথে যুক্ত হয়।
অধিকন্তু GIS ব্যবহার করার জন্য
প্রশিক্ষণ এবং দক্ষতা প্রয়োজন, যাতে
ডেটা অধিকভাবে অধুনা ও বিশ্লেষণ
করা যায়।

৫. পদ্ধতি

পদ্ধতি হল সেই প্রক্রিয়া, কৌশল এবং

ক্ষেত্র, যা GIS-এ খেঁজা বিশ্লেষণের জন্য
 ব্যবহৃত হয়। এর মাঠে পরিমাপের প্রধান
 পদ্ধতি ও উৎসগুলির মধ্যে প্রথম ওয়ার্কশেট
 অন্তর্ভুক্ত, যা নির্দিষ্ট অঞ্চলকে অক্ষাংশে
 ব্যবহৃত হয়। উদাহরণস্বরূপ, নিম্নলিখিত স্থিতি
 খুঁজতে প্রক্রিয়াটি বিশ্লেষণ বা একটি
 খেঁজা শুধু একটি কয়েকটি উদাহরণে
 বিশ্লেষণ করা হতে পারে। অন্যতর
 পদ্ধতিতে দু-পরিমাপের মূলক মাপের
 অন্তর্ভুক্ত, যা উচ্চতর প্রবণতা বা
 পরিমাপের পূর্বাঙ্ক দেখে। মানক পদ্ধতি
 প্রথম কর্মপ্রণালী নির্দিষ্ট করে যে GIS
 প্রক্রিয়াক্রমে স্থানীয় প্রয়োজনীয় প্রথম
 নির্ধারিত।

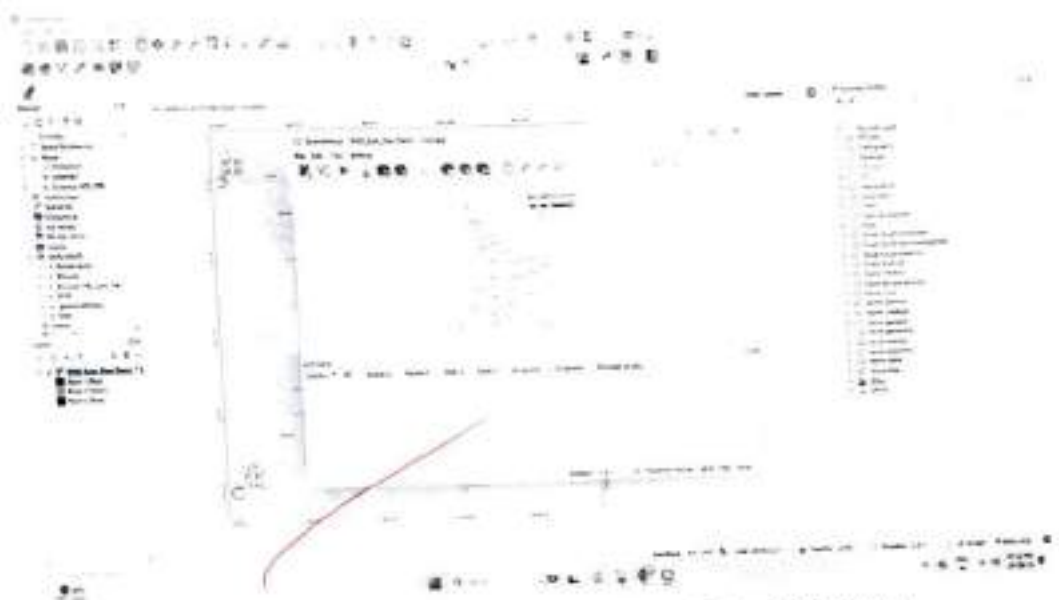
7

৬. নেটওয়ার্ক

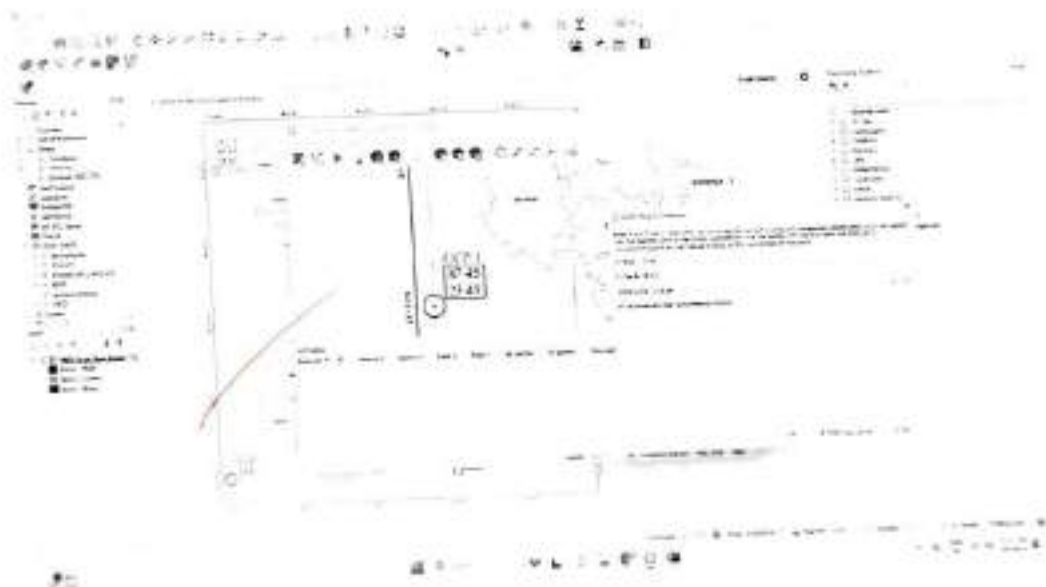
নেটওয়ার্কগুলি আধুনিক GIS-এ একটি
 গুরুত্বপূর্ণ ভূমিকা পালন করে। অন্যতর
 GIS ডিভিশন ইন্টারনেট বা অন্তর্ভুক্ত
 নেটওয়ার্কের উপর নির্ভর করে, যাতে খেঁজা
 ক্ষেত্রের প্রথম অনুমোদিত করা যায়।
 ক্রমাগত-ভিত্তিক GIS অক্ষাংশগুলি কর্মপ্রণালী
 জনপ্রিয়, যা ব্যবহারকারীদের দৃষ্টি
 জাতিতে খেঁজা অন্তর্ভুক্ত, বিশ্লেষণ প্রথম
 উৎসের কয়েকটি দেখে। নেটওয়ার্কগুলি
 বহিরাগত উৎস থেকে খেঁজা অন্তর্ভুক্ত

କଳ୍ପରେ ଅଧ୍ୟାୟ କରେ, ଯେଉଁ ଲୋକ
ଦୌର୍ଗନ୍ଧ୍ୟ ହିତ ବା ଆକ୍ଷାୟତା ଯେ

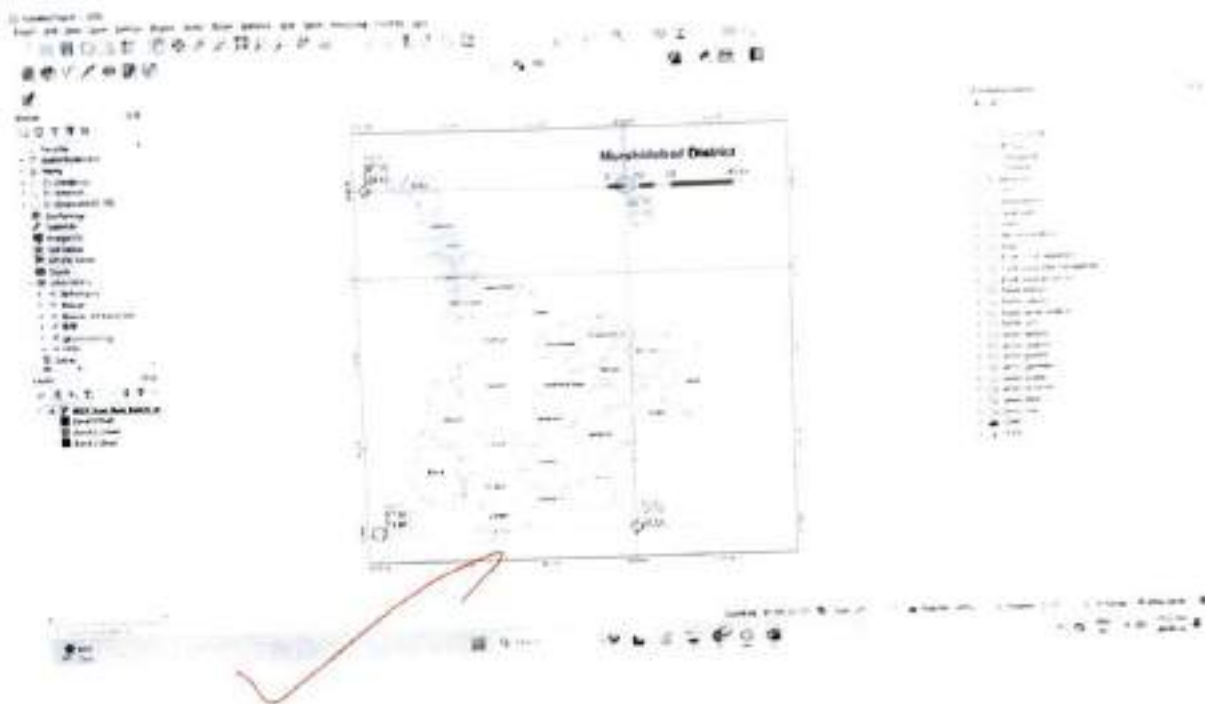
Use of Georeferencer Tool for Georectification



Entering Ground Control Points (GCPs) into Scan Raster Map (Given)

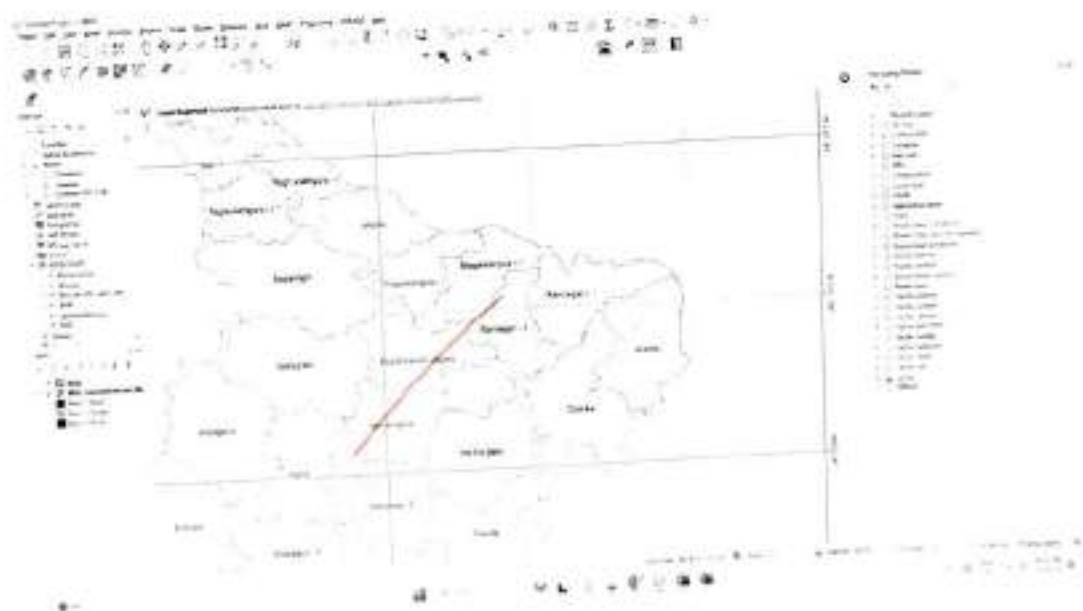
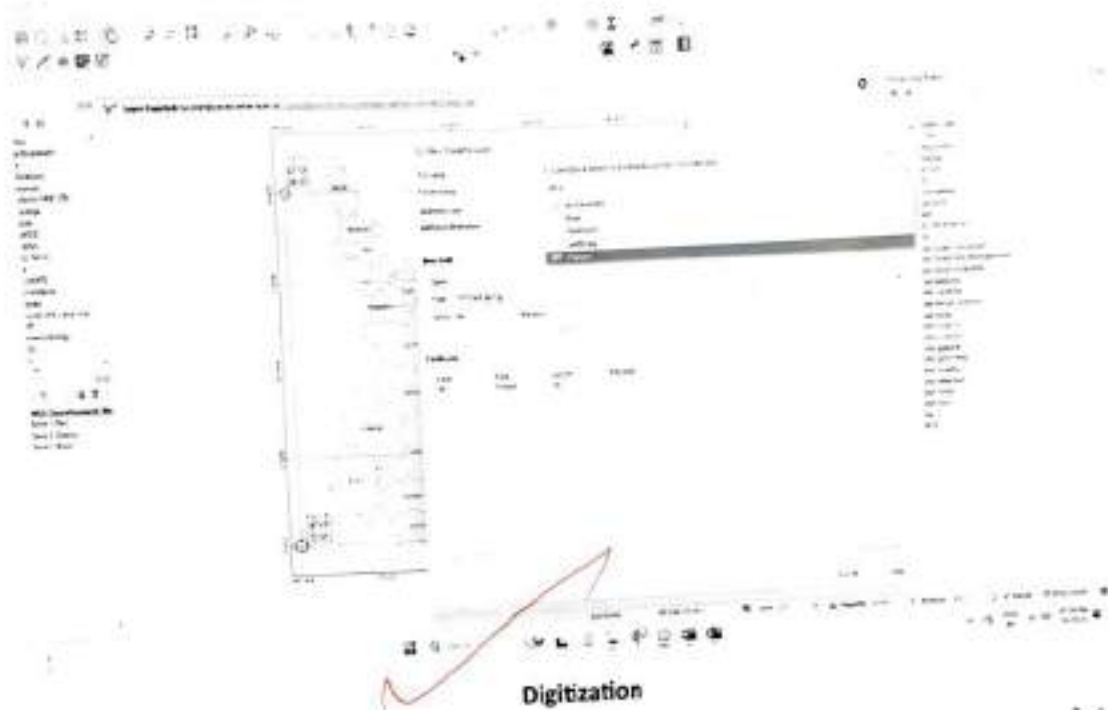


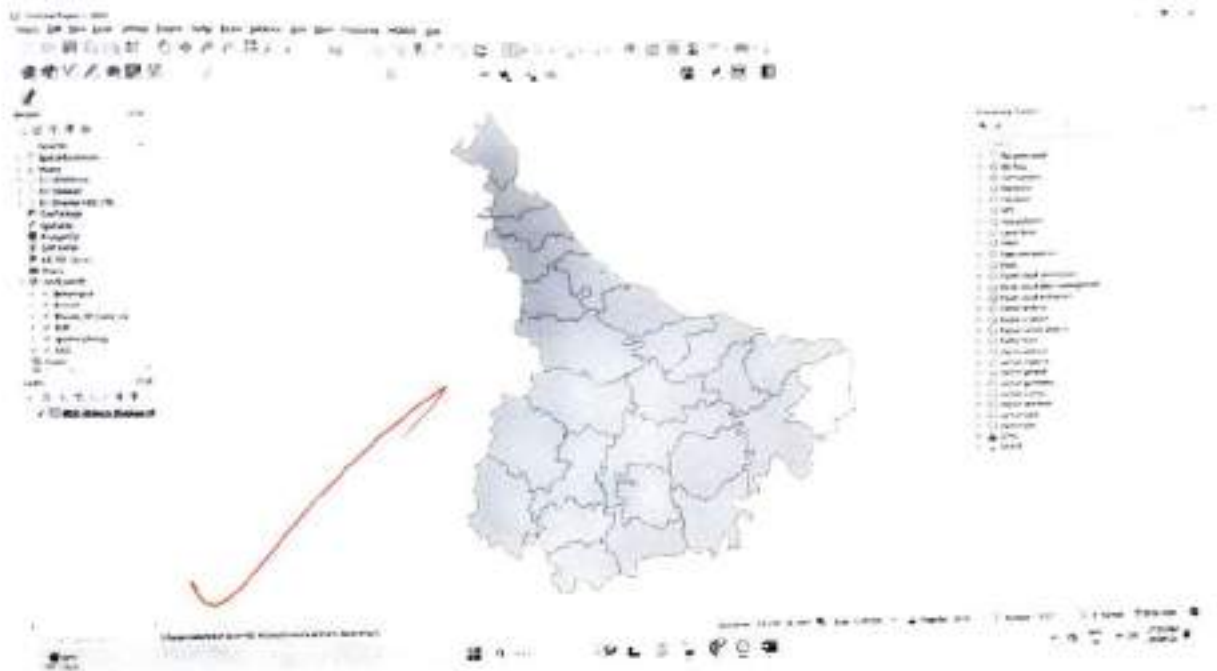
Corrected Georeferencing



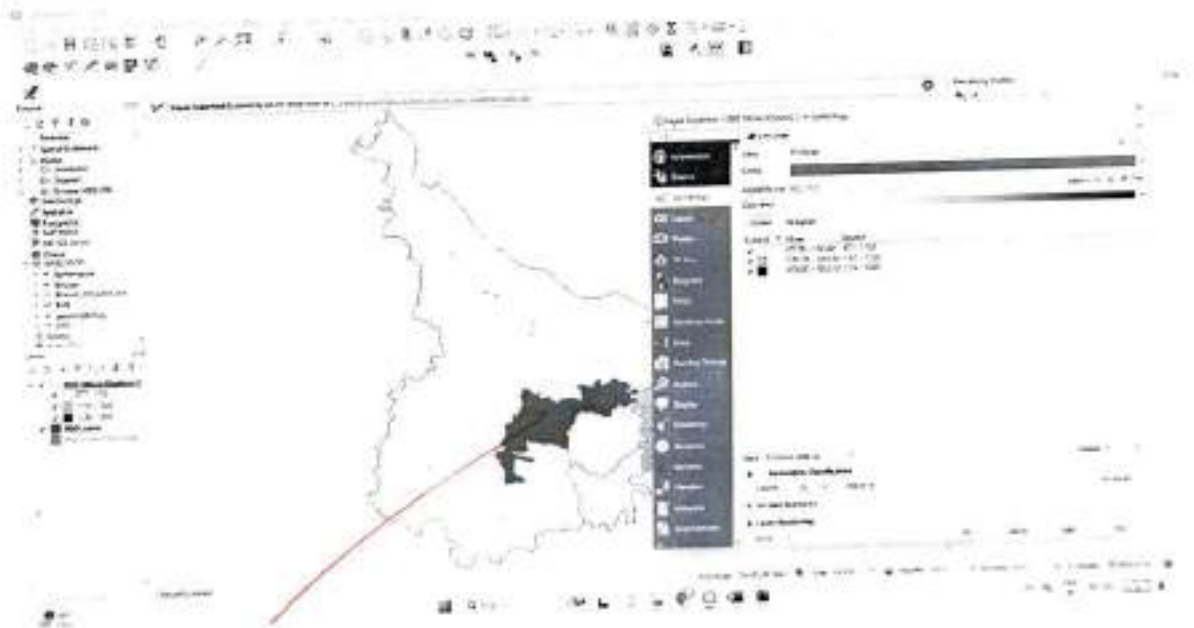
8

Digitization of Vector Features

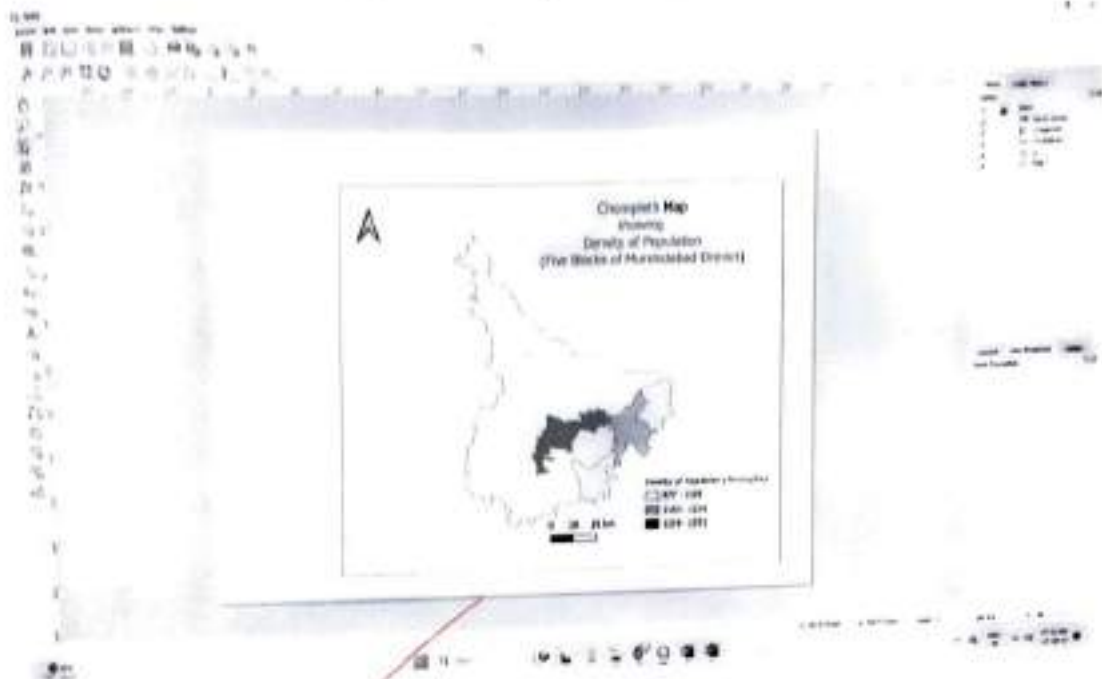




Use of Symbology Tool for the creation of Choropleth Map



Map Annotation 'Layout Manager' of QGIS



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is scale-independent, offering precise representations of spatial features without pixelation.

2.2. A Geographic Information System (GIS) comprises several key components that work together to collect, store, analyze, and visualize geographic data. These components are essential for transforming raw spatial data into actionable insights. The primary components of a GIS include hardware, software, data, people, methods and networks. Below is a brief explanation of each component.

1. Hardware

Hardware refers to the physical devices and equipment needed to run a GIS. This includes computers, servers, GPS units and mobile devices that are used to capture, store, and process spatial data. High-performance computers with large storage capacities are essential for managing and analyzing large data sets, such as satellite imagery or LiDAR data. Additional peripherals like scanners, plotters and digitizers may also be used to convert analog data (e.g. paper maps) into digital formats.

GIS software provides the tools to capture, store, analyze, and visualize geographic data. Examples include industry-standard software like ArcGIS, QGIS, and MapInfo.

GIS software typically includes functionalities for creating and editing maps, performing spatial analysis, querying data, and generating reports. Specialized GIS software might also support 3D modeling, network analysis, and geostatistical operations. Open-source GIS software (e.g., QGIS) has become increasingly popular, providing powerful tools without ~~cost~~ associated with proprietary solutions.

3. Data

Data is the core of any GIS. It comes in two forms: spatial data and attribute data. Spatial data represents the physical location and shape of geographic features and can be in raster or vector formats.

Attribute data provides descriptive information about spatial features, such as the name of a road or the population of a city. Data quality is crucial; accurate, up-to-date data ensures reliable results.

Sources of GIS data include satellite imagery, aerial photography, GPS data, government

agencies, and crowd-sourced platforms like Open Streetmap. Data must also be managed efficiently, requiring proper storage, retrieval, and maintenance practices.

4. People

People are the users of GIS who play a crucial role in the system's success. GIS professionals, such as cartographers, geographers, urban planners, and data analysts, use the system to interpret spatial data and provide insights. Decision-makers, like government officials or business leaders, may rely on GIS-generated reports to guide policies or investments. In addition, general public may interact with GIS through applications like Google Maps or various crowd-sourced platforms. Effective use of GIS requires training and expertise to ensure the proper collection, interpretation, and application of data.

5. Methods

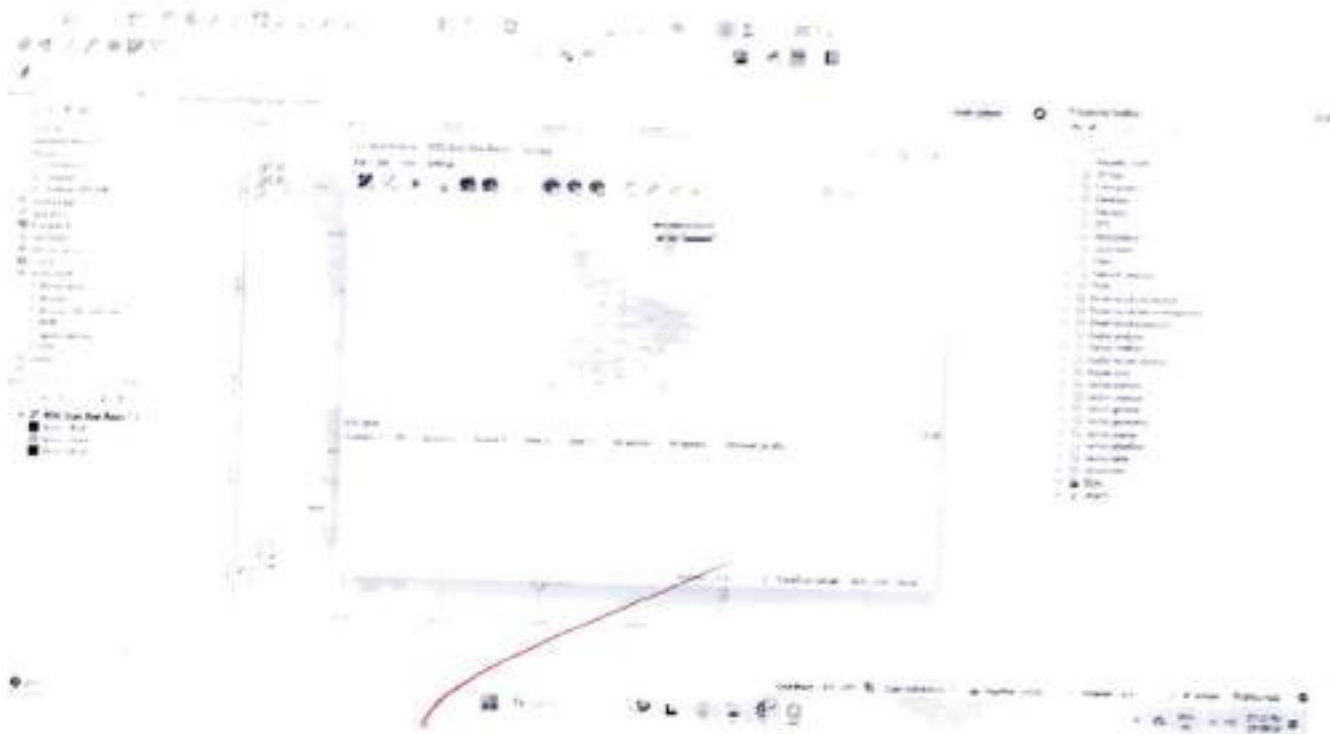
Methods refer to the processes, techniques, and models used to analyze spatial data in GIS. This can include statistical methods, algorithms, and workflows designed to solve specific problems. For example, methods may involve spatial analysis, such as proximity analysis to find the nearest facilities or overlay analysis to combine

multiple data layers. Other methods might involve geostatistical modeling to predict future trends or changes. Standardized methods and workflows ensure that GIS processes are repeatable and reliable, which is particularly important for large projects or collaborative efforts.

6. Networks

While not always listed as a standalone component, networks play a crucial role in modern GIS. GIS systems often depend on the internet or internal networks to facilitate data sharing and collaboration. Cloud-based GIS solutions have become increasingly popular, allowing users to store, analyze, and access data remotely. These systems enable real-time data updates and collaboration between multiple users in different locations. Networks also support the integration of data from external sources, such as live traffic feeds or weather data, into GIS platforms.

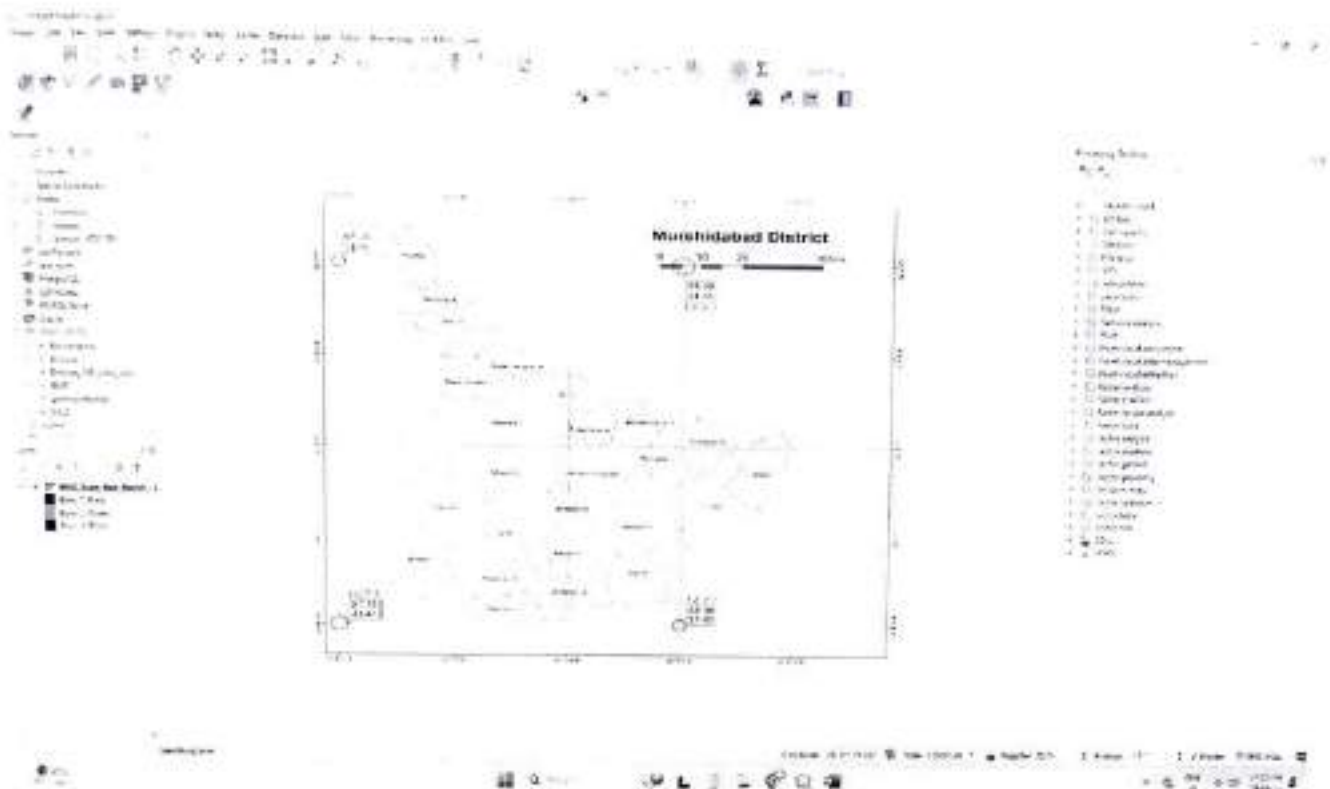
Use of Georeferencer Tool for Georectification



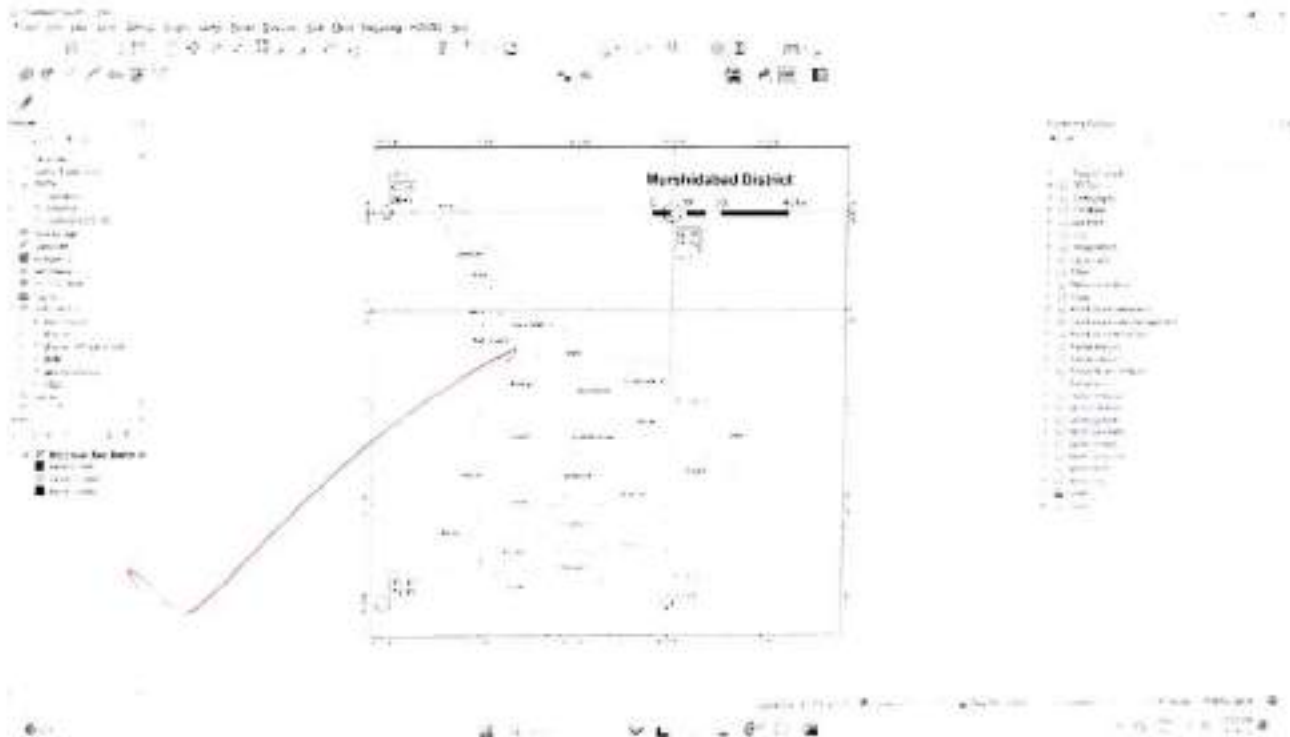
Entering Ground Control Points (GCPs) into Scan Raster Map (Given)



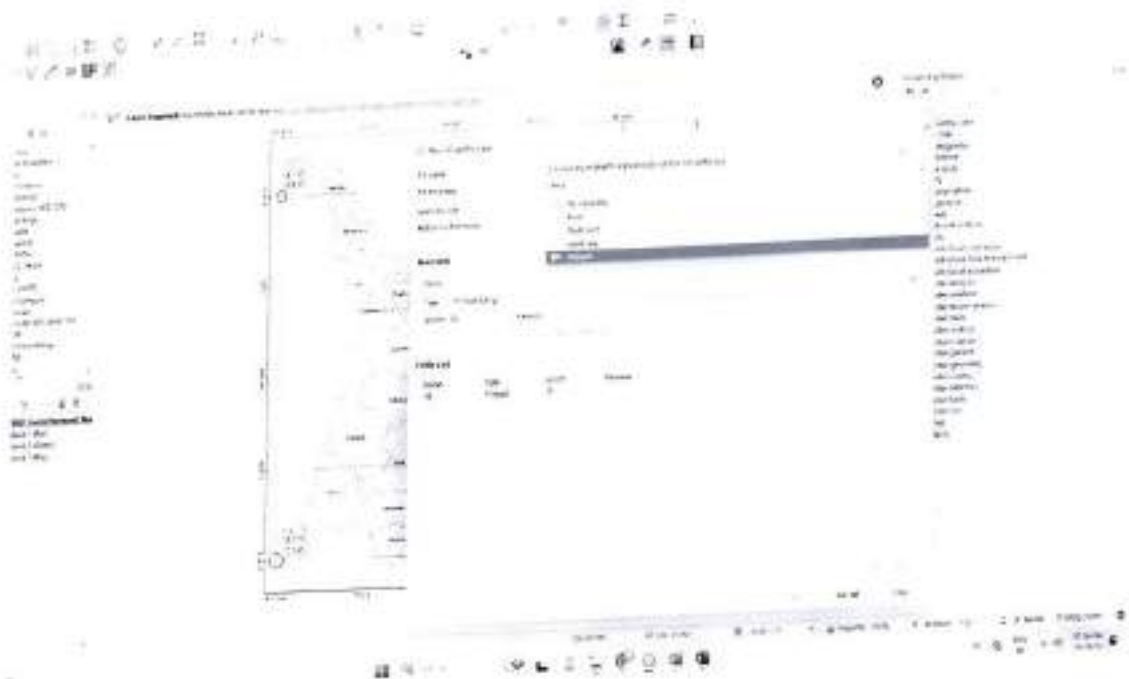
Error In Georeferencing



Corrected Georeferencing

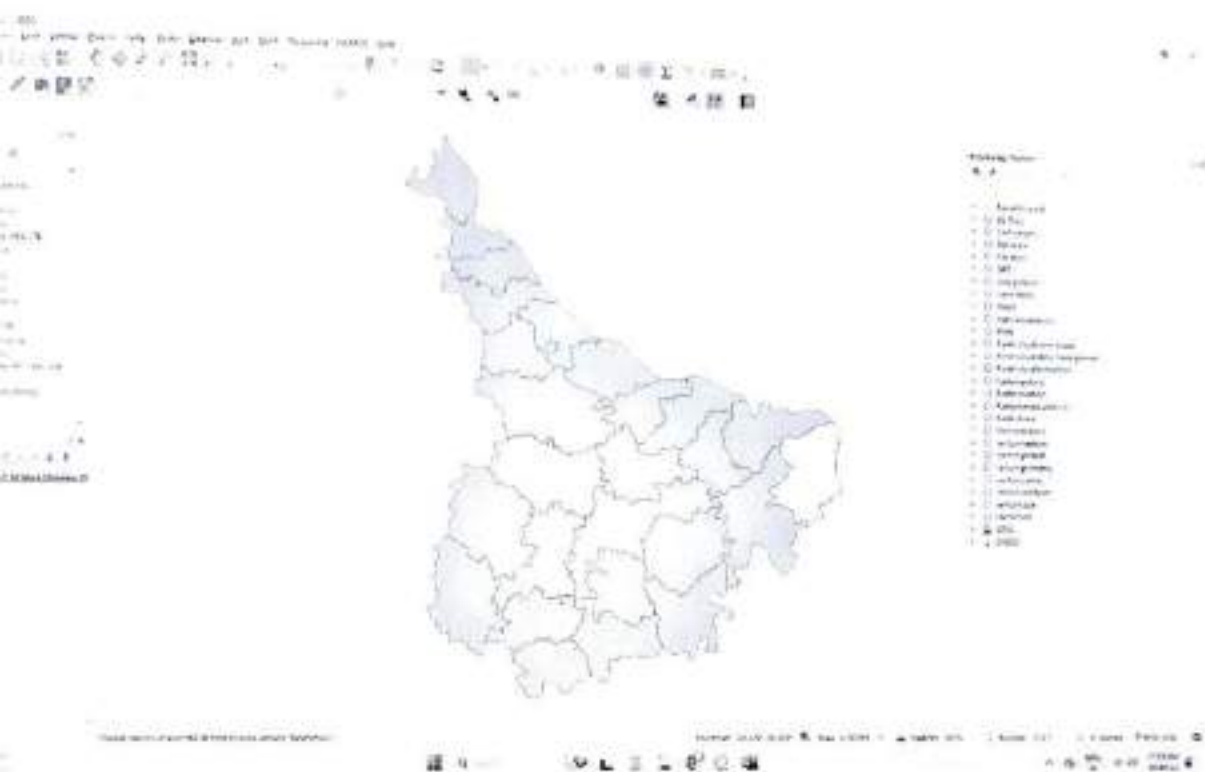


Digitization of Vector Features

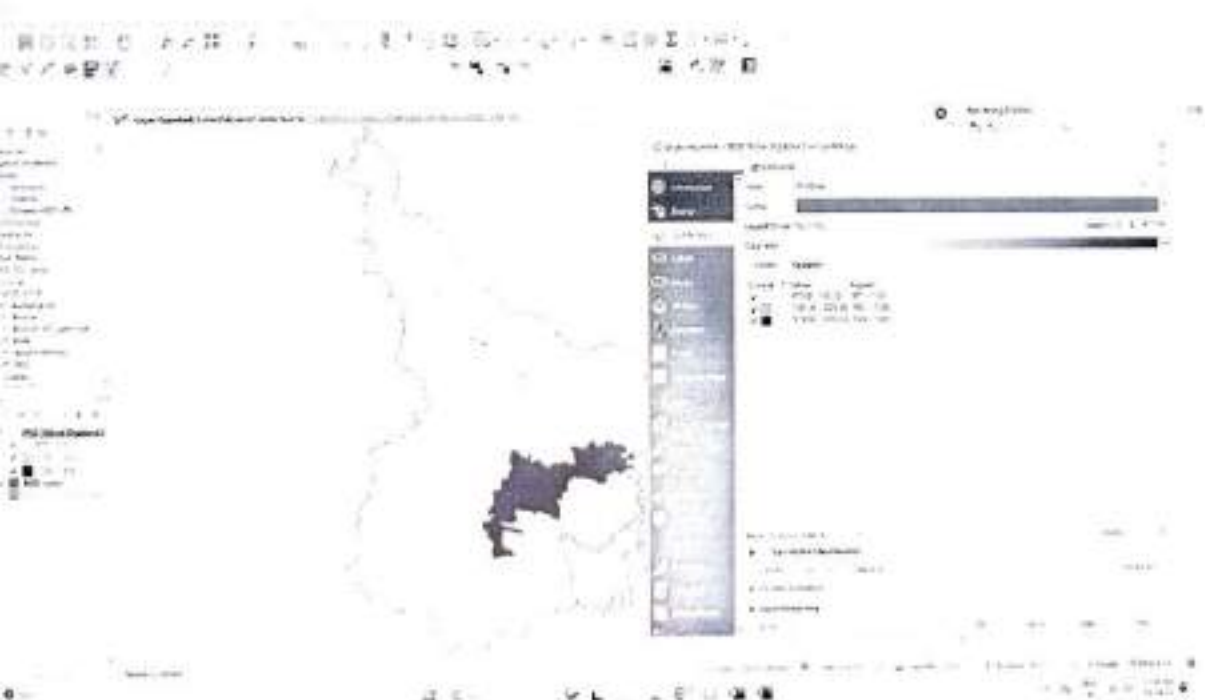


Digitization

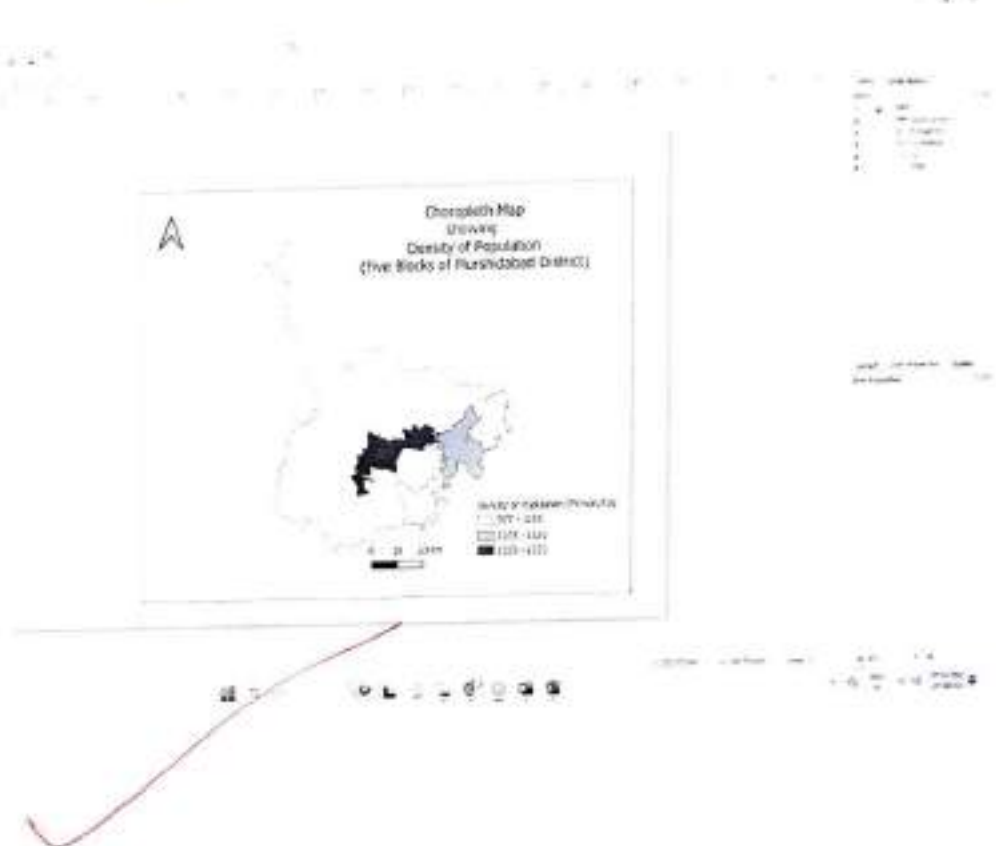




Use of Symbology Tool for the creation of Choropleth Map



Map Annotation 'Layout Manager' of QGIS



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