

6. Answer any **one** of the following: $10 \times 1 = 10$

- a) Write down the advantages and disadvantages of Hydro-power and Thermal power.
- b) "Earth resources are finite"— Assess the validity of the statement in the light of Meadow's report on "The Limits to Growth".

682/Geog.

UG/6th Sem/GEO-H-DSE-T-03B/25

U.G. 6th Semester Examination - 2025

GEOGRAPHY

[HONOURS]

Discipline Specific Elective (DSE)

Course Code : GEO-H-DSE-T-03B

(Resource Geography)

[NEW SYLLABUS under CBCS]

Full Marks : 60

Time : $2\frac{1}{2}$ Hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

UNIT-I

[Marks : 30]

1. Answer any **five** of the following: $2 \times 5 = 10$

- a) What is the tangible resource?
- b) What is a resource crisis?
- c) What is the key concept of 3R?
- d) What do you mean by an eco-friendly resource?

- e) What is the difference between a rare and a unique resource?
- f) What is neutral state?
- g) What are the reasons behind the depletion of forest resources?
- h) Why is the resource-conservative approach relevant in the present day?
2. Answer any **two** of the following: $5 \times 2 = 10$
- a) Discuss with example community-based adaptive approach to resource utilization.
- b) Distinguish between renewable and non-renewable resources.
- c) Write the role of WWF in conserving forests.
- d) Write briefly about the problems related to the depletion of forests.
3. Answer any **one** of the following: $10 \times 1 = 10$
- a) Write the causes of depletion of groundwater and its remedial measures.
- b) Enumerate with examples the problems associated with fossil fuels combustion.

UNIT-II

[Marks : 30]

4. Answer any **five** of the following: $2 \times 5 = 10$
- a) What are ferrous minerals?
- b) What are Metallic minerals?
- c) How does the electrical industry use Mica?
- d) Write the characteristics of Gypsum.
- e) What is Geo-Thermal Energy?
- f) What is Hydrogen fuel?
- g) What is a wind farm?
- h) What is meant by Energy crisis?
5. Answer any **two** of the following: $5 \times 2 = 10$
- a) Discuss the problems related to Gypsum mining.
- b) Explain the types of solid waste generated from mining operation with examples.
- c) Explain the importance of non-conventional energy resources.
- d) State the concept of sustainable use of resources.