

M.Sc(Environmental Sci.) Semester - 1 (CBCS) Examination**Nov/Dec-2023****Nature of India's Environment****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

Q .1 Answer the following (any seven) 14

- (1) Explain land resource in brief.
- (2) Listed different type of forest in India.
- (3) Define hydrogen fuel cell and give its importance.
- (4) Describe the term conventional energy resource with suitable example.
- (5) Give the four examples of major River valley projects in India.
- (6) What are the factors involve in environmental mining?
- (7) Enlist the types of forest in India?
- (8) Describe term fuel wood.
- (9) Define hydrogen cycle in brief.
- (10) What are Common Property Resources?

Q. 2 Answer the following (any two) 14

- (1) Write a note on Agro-climatic region.
- (2) Explain Bio-climatic regions in details.
- (3) Discuss the potential land and agricultural resources in Indian context.

Q.3 Answer the following (compulsory) 14

- (1) Write a note on Non-renewable energy resources. [5]
- (2) Explain Geo-thermal Energy in detail. [5]
- (3) Discuss the Solar Energy as sustainable resource. [4]

OR**Q.3 Answer the following (compulsory) 14**

- (1) What is Biogas? Explain the biogas as an energy source.
- (2) Discuss the basic concept and types of energy resources.

Q.4 (A) answer the following (any two) 10

- (1) Discuss the surface and ground water resources in detail.
- (2) Describe the restoration of mining site and why it's essential for environmental viewpoint.
- (3) Explain the basic concept and type of mining.

Q.4 (B) answer the following (any one) 04

- (1) Write note on monsoon distribution in India.
- (2) Write short note on effect of dam on environment with suitable example.

Q.5 Answer the following (Any two) 14

- (1) Explain silent wally movement and its effects.
- (2) Describe the area, distribution and type of forest.
- (3) Write a note on forest products.
- (4) Explain the Chipko & Appiko movement.
