

M.Sc. (Part-I) (Environmental Science) CBCS Pattern Semester-II
PSENVT06 / PSCENVT06 - Natural Resources : Conservation and Management

P. Pages : 1

Time : Three Hours



GUG/W/23/11204

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Illustrate the answers with suitable diagrams and examples.

1. Discuss classification of forest resources. **16**

OR

a) Explain impact of overuse of fossil fuel on environment. **8**

b) Discuss consequences of over exploitation of minerals. **8**

2. Explain solar concentrator with its types. **16**

OR

a) Briefly explain advantages and disadvantages of flat plate collector. **8**

b) Discuss how electricity is generated from solar energy. **8**

3. Discuss principle and method of OTEC. **16**

OR

a) Describe the advantages and disadvantages of hydal energy. **8**

b) Explain components of tidal power plant. **8**

4. Discuss classification of wind energy conversion system. **16**

OR

a) Briefly explain impact of geothermal energy on environment. **8**

b) Explain wet and dry process for conversion of biomass. **8**

5. a) Explain agriculture resources of India. **4**

b) Discuss impacts of solar energy on environment. **4**

c) Give the basic principle of tidal energy. **4**

d) Write a note on biogas generation. **4**
