

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

P. Pages : 1

Time : Three Hours



GUG/S/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 in brief coal as conventional source of energy. **16**
- OR**
- a) Describe the formation of mineral deposits. **8**
- b) Explain impacts of overuse of fossil fuels on environment. **8**
2. Discuss types of concentrators. Write a note on line focusing collector. **16**
- OR**
- a) Briefly explain working of Solar distillation. **8**
- b) Discuss impact of solar energy on environment. **8**
3. Discuss bulb turbine and tube turbine for generation of hydroelectricity. **16**
- OR**
- a) Explain components of tidal power plant. **8**
- b) Explain the methods of OTEC. **8**
4. Discuss in brief the wind energy conversion system. **16**
- OR**
- a) Briefly explain impacts of Geothermal Energy on environment. **8**
- b) Write an explanatory note on biogas generation. **8**
5. Write a brief note on :
- a) Wildlife resources. **4**
- b) Give the advantages of flat plate collection. **4**
- c) What are the advantages of tidal energy. **4**
- d) Explain the basic principle of wind energy. **4**
