Second Year (Semester–IV) (All Faculties) Examination

ENVIRONMENTAL STUDIES

Time : Three Hours] [Maximum Marks : 70

Note :— All questions are compulsory.

1. (a) Explain the principles, scope and importance of Environmental Studies. 6

   (b) Write in short about Land resources. 6

OR

   (c) What do you mean by Natural resources. Add a note on water resources. 6

   (d) Write in short about Mineral Resources. 6

2. (a) Define ecosystem. Explain in detail about components, structure and functions of forest ecosystem. 11

OR

   (b) Explain in detail food chain, food web and ecological pyramids. 11

3. (a) Write in short about Hotspots of biodiversity. 6

   (b) Explain the in-situ method for conservation of biodiversity with example. 6

OR

   (c) Comment on Biographical classification of India. 6

   (d) Explain the ex-situ method for conservation of biodiversity with example. 6

4. (a) Explain in detail the principle, methods and significance of solid waste management. 11

OR

   (b) Explain in detail the causes, effects and control measures for nuclear hazards and pollution. 11

5. (a) Define sustainable development. Add a note on urban related energy problems. 6

   (b) Define Environmental ethics. Add a note on issues and solutions related to environmental ethics. 6

OR

   (c) Write a short note on waste land reclamation. 6

   (d) Explain in short Air (prevention and control of pollution) Act, 1981-82. 6

6. (a) Write a note on Environment and human health. 6

   (b) Write in short about women and child welfare. 6

OR

   (c) Write in short about Human Rights. 6

   (d) Explain the role of information technology in environment and human health. 6

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