

October 2025
B.A./B.Sc.
First Semester
VALUE ADDED COURSE – 1
ENVIRONMENTAL SCIENCE
Course Code: ESV 1.11
(Environmental Science)

Total Mark: 50
Time: 2 hours

Pass Mark: 20

I. Answer three questions, taking one from each unit.

UNIT-I

1. Define ecosystem. Briefly discuss the structure and function of an ecosystem. 2+5+5=12
2. What do you understand by bio-geographic zone? Explain in detail the bio-geographic zones of India. 2+10=12

UNIT-II

3. Define population growth and analyse the impact of population growth on natural resources. 2+10=12
4. State the difference between hazard and disaster. What are the key strategies for disaster management? 4+8=12

UNIT-III

5. What is pollution? Give an outline on the causes and effect of water pollution on the environment. 2+5+5=12
6. Define solid waste. State the major sources of solid waste in urban areas. Also, describe the role of communities in effective solid waste management. 2+4+6=12

II. Answer any two of the following questions.

7. Define environment. State the importance of environmental education in shaping responsible citizens. 1+6=7

8. Discuss the importance of individual responsibility in the conservation of natural resources. 7
 9. Define environmental management. Discuss its significance in the present global context. 1+6=7
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