

**B A, B SC, B COM DEGREE END SEMESTER EXAMINATION - NOVEMBER 2025**  
**UGP (HONS.) SEMESTER - 1: MULTI DISCIPLINARY COURSE IN ENVIRONMENTAL SCIENCE**  
**COURSE: 24UEVSMDC101: FUNDAMENTALS OF ENVIRONMENTAL SCIENCE**

*(For Regular 2025 Admission and Improvement/Supplementary 2024 Admission)*

Time : 1 Hour

Total Marks: 35

**PART A**

**Answer any 7 questions**

1. What is an ecosystem? (CO2, CO2, R)
  2. What is pollution? (CO5, R)
  3. What is soil profile? (CO3, R)
  4. What is ecological succession? (CO2, R)
  5. Define bioaccumulation. (CO4, R)
  6. Discuss biomass as a source of energy. (CO3, U)
  7. Give two examples of non-renewable energy resources. (CO3, R)
  8. Define biodiversity. (CO4, R)
  9. List any two endemic species in India. (CO4, R)
  10. Expand CITES. (CO6, R)
- (1 x 7 = 7)**

**PART B**

**Answer any 4 questions**

11. Briefly explain acid rain and its ill-effects. (CO6, U)
  12. Comment on biogeographic classification of India? (CO4, U)
  13. Briefly discuss global warming. (CO6, U)
  14. Name any four major air pollutants? (CO5, R)
  15. Comment on Man-wildlife conflicts? (CO4, U)
  16. "India as a megadiversity nation". Discuss briefly. (CO4, U)
- (2 x 4 = 8)**

**PART C**

**Answer any 2 questions**

17. What are the components of integrated waste management of municipal solid waste? (CO5, A)
18. Comment briefly on groundwater pollution. (CO5, U)

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|-----|--------------------------------|---------------------|
| 19. | Write a note on "Atmosphere".  | (CO1, U)            |
| 20. | Briefly explain nuclear power. | (CO3, U)            |
|     |                                | <b>(5 x 2 = 10)</b> |

**PART D**

**Answer any 1 question**

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|-----|--|---------------------|
| 21. | Write an essay on forest ecosystem and types of forest in India. | (CO2, An)           |
| 22. | Explain energy resources in detail.                              | (CO3, An)           |
| 23. | Write an essay on common plants found in India.                  | (CO4, An)           |
|     |  | <b>(10 x 1= 10)</b> |

**Cognitive Level (CL):** Cr-Create; E-Evaluate; An-Analyse; A-Apply; U-Understand; R-Remember