

**M. Sc. DEGREE END SEMESTER EXAMINATION - MARCH 2026****SEMESTER 4 : ZOOLOGY****COURSE : 24P4ZOOT15 : ENVIRONMENTAL MANAGEMENT AND DEVELOPMENT***(For Regular 2024 Admission)*

Time : Three Hours

Max. Weights: 30

**PART A****Answer any 8 questions****Weight: 1**

1. What is Adhoc method in EIA? Comment on its advantages (U)
  2. Brief on the management practices for grassland. (U)
  3. What is triangulation? (U)
  4. Brief on simulation modeling. (R)
  5. What is Rio declaration? (U)
  6. What is meant by participatory environmental management? (U)
  7. Brief on the management practices for human settlements. (U)
  8. Distinguish between Impact Prediction and Impact Assessment in EIA. (U)
  9. Comment on community based planning. (U)
  10. Describe Stockholm conference (E)
- (1 x 8 = 8)**

**PART B****Answer any 6 questions****Weights: 2**

11. Explain the management practices for mountains. (U)
  12. 'Public participation is an unnecessary step in EIA'. Justify this statement (An)
  13. Present a model for a sustainable development lifestyle for the public (A)
  14. Elaborate on the changes of land use pattern and its environmental impacts (A)
  15. Prepare note on the 'Tragedy of the commons' (An)
  16. A 'Cradle to Grave analysis' is important in reducing environmental impact of an industrial product'. Justify this statement (An)
  17. What is map projection? Explain raster and vector data. (U)
  18. Brief on cost benefit analysis. Add on its advantages and limitations. (U)
- (2 x 6 = 12)**

**PART C****Answer any 2 questions****Weights: 5**

19. Explain the paradigm shifts that the world had witnessed in Ecosystem management practices. (U)
  20. Prepare an essay on Green revolution and comment on its environmental impacts (U)
  21. Describe any three methodologies of EIA process. Compare and comment on their merits and demerits (U)
  22. Define sustainable development. Describe the major imperatives relating to sustainable development. (U)
- (5 x 2 = 10)**

## OBE: Questions to Course Outcome Mapping

CO	Course Outcome Description	CL	Questions	Total Wt.
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Cognitive Level (CL): Cr - CREATE; E - EVALUATE; An - ANALYZE; A - APPLY; U - UNDERSTAND; R - REMEMBER;