

M. Sc. DEGREE END SEMESTER EXAMINATION - APRIL 2026**SEMESTER 2 : ENVIRONMENTAL SCIENCE****COURSE : 24P2EVST08 : ENVIRONMENTAL IMPACT ASSESSMENT***(For Regular 2025 Admission and Improvement/Supplementary 2024 Admission)*

Time : Three Hours

Max. Weights: 30

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

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| 1. | What is public hearing? Explain its importance in EIA. | (A, CO 3, CO 4, CO 5) |
| 2. | Differentiate between risk assessment and environmental impact assessment. | (An, CO 1, CO 2) |
| 3. | Write a note on screening. | (Cr, CO 3, CO 4) |
| 4. | Briefly describe the goals of Environmental Management Plan | (E, CO 3, CO 4, CO 5) |
| 5. | What do you meant by ISO certification. | (R, CO 1, CO 5, CO 6) |
| 6. | Discuss environmental impact statement. | (R, CO 1, CO 2) |
| 7. | Write note on overlay approach | (R, CO 3, CO 4) |
| 8. | What is the importance of EIA of a land clearing project? | (U, CO 6) |
| 9. | What do you mean by water impact assessment? | (U, CO 5, CO 6) |
| 10. | What is air quality assessment? | (U, CO 5, CO 6) |
- (1 x 8 = 8)**

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

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| 11. | Why EIA of a nuclear project important? | (U, CO 6) |
| 12. | What are the Environmental Impact of mining of minerals? | (U, CO 5, CO 6) |
| 13. | What are the environmental impacts of surface and underground mining of metals? | (U, CO 5, CO 6) |
| 14. | Write a short note on EIA regulations in India. | (U, CO 1, CO 2) |
| 15. | Briefly explain the purpose of ISO certification. | (An, CO 1, CO 5, CO 6) |
| 16. | Comment on global evolution of EIA. | (E, CO 1, CO 2) |
| 17. | Write notes on regional impact assessment. | (An, CO 1, CO 5, CO 6) |
| 18. | Why EIA of a mining project is important? | (U, CO 6) |
- (2 x 6 = 12)**

PART C
Answer any 2 questions

Weights: 5

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| 19. | Enumerate on the environmental appraisal procedure for mining | (Cr, CO 3, CO 4, CO 5) |
| 20. | Explain with a neat diagram the process involved in EIA | (U, CO 3, CO 4) |
| 21. | Explain the different methods used for Impact identification in EIA | (Cr, CO 3, CO 4) |
| 22. | Comment on Environmental Clearance process in India | (Cr, CO 3, CO 4, CO 5)
(5 x 2 = 10) |

OBE: Questions to Course Outcome Mapping

CO	Course Outcome Description	CL	Questions	Total Wt.
CO 1	Define the purpose and role of EIA in the decision-making process related to development project.	R	2, 5, 6, 14, 15, 16, 17	11
CO 2	Explain the strengths & limitations of environmental management	U	2, 6, 14, 16	6
CO 3	Identify critical impacts of developmental project on people and environment	U	1, 3, 4, 7, 19, 20, 21, 22	24
CO 4	Analyze developing project for their impacts on various environmental matrices	An	1, 3, 4, 7, 19, 20, 21, 22	24
CO 5	Assess the potential of environmental audit as a tool for Impact Assessment to address environmental concerns.	E	1, 4, 5, 9, 10, 12, 13, 15, 17, 19, 22	23
CO 6	Discuss the implications of current jurisdictional and institutional arrangements in relation to environmental impact assessment	U	5, 8, 9, 10, 11, 12, 13, 15, 17, 18	16

Cognitive Level (CL): Cr - CREATE; E - EVALUATE; An - ANALYZE; A - APPLY; U - UNDERSTAND; R - REMEMBER;