

Reg. No

Name

25P2060

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

Time : Three Hours

Max. Weights: 30

PART A

Answer any 8 questions

Weight: 1

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| 1. Comment on EIA notification 1994. | (R, CO 1, CO 5, CO 6) |
| 2. What do you mean by Adhoc method | (Cr, CO 3, CO 4) |
| 3. Comment on acid mine drainage. | (U, CO 5, CO 6) |
| 4. Briefly explain Environmental Impact Statement | (U, CO 3, CO 4) |
| 5. Which are the different power generating projects for which EIA is required? | (U, CO 6) |
| 6. What are the negative impacts of Impact prediction? | (U, CO 3, CO 4, CO 5) |
| 7. Define EIA. | (R, CO 1, CO 2) |
| 8. Differentiate between Social Impact Assessment and Ecological Impact assessment. | (U, CO 5, CO 6) |
| 9. What is EIA monitoring | (E, CO 3, CO 4, CO 5) |
| 10. Comment on comprehensive EIA. | (U, CO 1, CO 2) |
| | (1 x 8 = 8) |

PART B

Answer any 6 questions

Weights: 2

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| 11. Who are the different participants in EIA process? | (R, CO 1, CO 2) |
| 12. What are the impacts caused by a dam project on the biodiversity of a region? | (U, CO 6) |
| 13. Discuss the status of EIA in India. | (A, CO 1, CO 5, CO 6) |
| 14. Comment on the disadvantages of EIA? | (U, CO 5, CO 6) |
| 15. Discuss the features of Coastal zone notification 1991. | (U, CO 1, CO 2) |
| 16. What are the negative impacts of mining on air quality and water quality? | (U, CO 5, CO 6) |

17. Differentiate between category B1 and B2 highway projects. (U, CO 6)
18. Briefly discuss EIA regulations in India. (R, CO 1, CO 5, CO 6)
(2 x 6 = 12)

PART C

Answer any 2 questions

Weights: 5

19. Explain the environmental clearance process in EIA. (An, CO 3, CO 4)
20. Explain environmental appraisal procedure for thermal power projects. (U, CO 3, CO 4, CO 5)
21. Describe the general impact of a project on physical, social and biotic environments. What is its importance? (U, CO 3, CO 4, CO 5)
22. Explain Public participation in environmental decision making? ()
(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	1, 7, 10, 11, 13, 15, 18	11
CO 2	Explain the strengths & limitations of environmental management	U	7, 10, 11, 15	6
CO 3	Identify critical impacts of developmental project on people and environment	U	2, 4, 6, 9, 19, 20, 21, 22	44
CO 4	Analyze developing project for their impacts on various environmental matrices	An	2, 4, 6, 9, 19, 20, 21, 22	44
CO 5	Assess the potential of environmental audit as a tool for Impact Assessment to address environmental concerns.	E	1, 3, 6, 8, 9, 13, 14, 16, 18, 20, 22	33
CO 6	Discuss the implications of current jurisdictional and institutional arrangements in relation to environmental impact assessment	U	1, 3, 5, 8, 12, 13, 14, 16, 17, 18	16

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