

**16P119**

(Pages:2)

Name: .....

Reg. No.....

**FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2016**

(Regular/Supplementary/Improvement)

(CUCSS-PG)

**CC15P ES1 C03 – ENVIRONMENTAL IMPACT AND RISK ASSESSMENT**

(Environmental Science)

(2015 Admission Onwards)

Time: Three Hours

Maximum: 36 Weightage

**I. Answer *all* questions. Each question carries 1 weightage**

1. Define Matrices.
2. Explain the principles of public involvement?
3. Explain Scoping.
4. What is Environmental Auditing?
5. What is EIA?
6. Define Terms of Reference (ToR).
7. Explain the role of decision makers in EIA.
8. Define Multi Criteria Analysis?
9. Mention the role of public hearing in EIA.
10. What is SEA?
11. What is Post Project Analysis (PPA) in EIA?
12. Explain Contingent Valuation Method in CBA?
13. Note the composition of the expert committee for EIA.
14. What are the important aspects of EIA?

**(14 x 1 = 14 weightage)**

**II. Answer *any* 7 questions. Each question carries 2 weightage**

15. Explain the environmental components of EIA.
16. Describe the significance of project screening in EIA.
17. Differentiate CIA and SIA.
18. How EIA is beneficial for sustainable development.
19. Write a short note on EMP.
20. Comment on EIA notifications in India.
21. Summarize the health impacts of Cement industries.
22. Explain the methods adopted in EIA.

23. Write a short note on risk assessment methods.
24. Comment on the drawbacks of Indian EIA system, if any.

**(7 x 2 = 14 weightage)**

**III. Write an essay on *any 2* of the following. Each question carries 4 weightage**

25. What is EIA? Write in detail the various steps involved in EIA.
26. Identify the environmental impacts and propose possible mitigation measures for a mining project.
27. Explain environmental risk assessment and management in India with suitable case studies.
28. Explain the importance of cost benefit and risk analysis in the decision making process of multipurpose project.

**(2 x 4 = 8 weightage)**

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