

**2024/FYUG/EVEN/SEM/
EESSEC-151T/040**

FYUG Even Semester Exam., 2024

ECOLOGY AND ENVIRONMENTAL SCIENCE

(2nd Semester)

Course No. : EESSEC-151T

(Environmental Impact and Risk Assessment)

Full Marks : 50

Pass Marks : 20

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

SECTION—A

Answer any *fifteen* of the following questions :

1×15=15

- 1. Define environmental impact assessment (EIA).**
- 2. What is the purpose of EIA?**
- 3. What is the role of Planning Commission in EIA?**

(2)

GASITNEY 1988

4. Write about the origin of EIA in India.
5. Define project developers.
6. What do you mean by terms of reference?
7. Define project consultants.
8. What do you mean by baseline data collection?
9. What is social impact assessment?
10. Define life cycle assessment.
11. What is ISO?
12. Define rapid EIA.
13. Name one thermal project in India.
14. Name one hydropower project in India.
15. Define EIA regulations.
16. Mention one use of thermal project.
17. Define risk assessment.
18. What is hazard identification?

(3)

19. Define toxicity assessment.
20. Write about hazard assessment.

SECTION—B

Answer any five of the following questions :

2×5=10

21. State briefly the scopes of EIA.
22. Point out the basic concepts of EIA.
23. Write about impact identification.
24. What is environmental impact statement?
25. Write a note on environmental appraisal.
26. Write briefly about environmental audit.
27. Write about current issues in EIA.
28. Give a short account of status of EIA in India.
29. Write a note on toxicity assessment.
30. Explain briefly risk assessment.

SECTION—C

Answer any *five* of the following questions :

5×5=25

31. Describe in detail the rationale of EIA.
32. Give an account on historical development of EIA.
33. Give a detailed account on Environmental Management Plan (EMP).
34. State the project component of EIA.
35. Give an illustrated account of cost-benefit analysis in EIA.
36. Write an account on sustainable development.
37. Write a note on current issues in EIA.
38. Give an account of hydropower projects in detail.
39. Write a note on Environmental Monitoring.
40. Give an illustrated account on project planning.

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