

**2023/TDC(CBCS)/ODD/SEM/  
EESSEC-501T/400**

**TDC (CBCS) Odd Semester Exam., 2023**

**ECOLOGY AND ENVIRONMENTAL SCIENCE**

**( 5th Semester )**

**Course No. : EESSEC-501T**

**( Environmental Impact and Risk Assignment )**

**Full Marks : 50**

**Pass Marks : 20**

**Time : 3 hours**

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

**SECTION—A**

**Answer *fifteen* questions, selecting any *three* from  
each Unit : 1×15=15**

**UNIT—I**

- 1. Define EIA.**
- 2. Define environmental assessment.**

3. What is the impact of development on environment?

4. Name any one method of EIA.

UNIT—II

5. What is the full form of EPM?

6. What is a project?

7. What is the function of project consultant?

8. What is EIS?

UNIT—III

9. What is sustainable development?

10. What is the full form of ISO?

11. Why is environmental audit essential?

12. What is life cycle assessment?

UNIT—IV

13. Name one thermal project in India.

14. State one benefit of hydroelectric project.

15. What are thermal projects?

16. State one drawback of hydroelectric project.

UNIT—V

17. Define risk.

18. Define community.

19. What is planning?

20. What is environmental monitoring?

SECTION—B

Answer *five* questions, selecting *one* from each

Unit :  $2 \times 5 = 10$

UNIT—I

21. Mention two scopes of EIA.

22. Why is EIA important for development?

UNIT—II

23. How is impact identification done?

24. Why base line data collection necessary?

( 4 )

UNIT—III

25. What is environmental appraisal?
26. Write any two goals of sustainable development.

UNIT—IV

27. State two benefits of thermal projects.
28. Write issues of EIA.

UNIT—V

29. How is toxicity assessment done?
30. Explain how hazards can be identified.

SECTION—C

Answer *five* questions, selecting *one* from each  
Unit :  $5 \times 5 = 25$

UNIT—I

31. Discuss the historical development of EIA.
32. Write a note on methodologies for EIA.

24J/395

( Continued )

( 5 )

UNIT—II

33. Discuss the role of project proponents.
34. Describe the role of project developer and project consultants.

UNIT—III

35. What do you mean by environmental assessment? Explain how cost-benefit analysis is done.  $1+4=5$
36. What is environmental management? Describe the problems and strategies of environmental management.  $1+4=5$

UNIT—IV

37. Discuss the status of EIA in India.
38. Write a note on pros and cons of hydropower project.

UNIT—V

39. What is a project? Discuss the procedure of project planning.  $1+4=5$
40. What is ecological risk? Explain how ecological risk assessment carried out.

★ ★ ★

2023/TDC(CBCS)/ODD/SEM/  
EESSEC-501T/400

24J—80/395