(Pages : 2) **R – 6535**

Reg. No. : .....

Name : .....

Fourth Semester M.Sc. Degree Examination, July 2023

Environmental Sciences

ES 242 : ENVIRONMENTAL ECONOMICS, IMPACT ASSESSMENT AND DISASTER MANAGEMENT

(2018 Admission Onwards)

Time : 3 Hours Max. Marks : 75

I. Answer any **ten** of the following.

1. Spaceship economy
2. Pandemic Emergencies
3. What is Environmental Impact Statement (EIS)?
4. Disaster Preparedness.
5. What is the purpose of the EIA process?
6. State the difference between Rapid and comprehensive EIA.
7. What are the types of Environmental Audit?
8. What is Ecotax?
9. What are the main components in Socio-economic and Health Environment related EIA process.
10. Describe the components of Environmental Audit team in India.

P.T.O.

11. Define Disaster and Disaster Management.

12. What is the difference between EIA and EMP.

(10 × 2 = 20 Marks)

II. Answer any **five** of the following.

13. What is the importance of EIA is Developmental Projects?

14. Write short note on "The Sendai Framework for Disaster Risk Reduction".

15. Briefly describe Cost–Benefit Analysis and its stages.

16. Describe different types of Environment in EIA process.

17. What are the benefits of Environmental auditing for an organization?

18. Write short notes on Carbon credits.

19. With reference to National Disaster Management Authority (NDMA) guidelines, discuss the measures to be adopted to mitigate the impact cloudbursts in Kerala.

(5 × 5 = 25 Marks)

III. Answer any **three** of the following.

20. Write a short note on Biological Disasters.

21. Write an essay on Life Cycle Analysis.

22. Explain Environmental audit programme in India.

23. Explain the main components to be analyzed in preparing EIA for water, air and land environments?

(3 × 10 = 30 Marks)
