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Reg. No. : .....

Name : .....

Fourth Semester M.Sc. Degree Examination, March 2021

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. What are natural disasters and their types?
2. Write any four benefits of the EIA process.
3. What is Green accounting?
4. Difference between Pandemic and Epidemic.
5. Main components to be analyzed in preparing EIA of Air Environment.
6. Ecoflation.
7. Carbon credits.
8. What are the five main pillars of National Disaster Management Plan 2019?
9. Biological disasters.
10. What is Frontier economy?
11. What are the main components of in Noise Environment related EIA process.
12. Initial Environmental Evaluation (IEE).

(10 × 2 = 20 Marks)

P.T.O.

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

13. Write short notes on Prime Minister's Ten-Point Agenda for Disaster Risk Reduction.

14. List the Safety initiatives taken in India to address chemical risk.

15. What is a carbon footprint? How one can reduce carbon footprint?

16. Explain Pre, Onsite and Post Environmental Audit.

17. Briefly discuss the impact of Domestic Effluent on water environment.

18. Discuss about the History and development of EIA in India.

19. Write short notes on "The Disaster Management Act, 2005".

(5 × 5 = 25 Marks)

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

20. Write an Essay on the main stages of EIA process.

21. Write an essay on Environmental Auditing.

22. Disaster preparedness is the first step in any disaster management process. Explain how hazard zonation mapping will help disaster mitigation in the case of landslides.

23. How and in what ways can vulnerability to disasters be characterized? Discuss different types of vulnerability with reference to disasters.

(3 × 10 = 30 Marks)

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