

18P416

(Pages: 2)

Name:

Reg. No.....

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2020

(CUCSS - PG)

(Regular/Improvement/Supplementary)

CC15P ES4 E24 – ENVIRONMENTAL DISASTER MANAGEMENT

(Environmental Science)

(2015 Admission onwards)

Time: Three Hours

Maximum: 36 Weightage

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

1. What is a technological disaster?
2. Explain transboundary air pollution.
3. Comment on site suitability assessment.
4. Distinguish between tornado and storm.
5. What is urban heat island?
6. Define Hurricane.
7. What is El Nino?
8. What are the different greenhouse gases?
9. Define lithosphere.
10. Name two prominent theories about origin of earth.
11. What is the age of earth? What technique is used for measuring earth's age?
12. Comment on Anthropocene period.
13. List out two methods to manage forest fire.
14. Write notes on water and environmental health.

(14 x 1 = 14 Weightage)

II. Answer any *seven* questions. Each question carries 2 weightage:

15. Discuss environmental impact analysis.
16. Assessment and prediction of vehicular pollution.
17. Causes and prediction of earthquake.
18. Write notes on coastal protection measures.
19. Explain geological time scale.
20. Enumerate four prominent environmental problems faced by India.
21. Comment on Silvicultural systems.
22. Discuss salt water intrusion in the coastal region and its management.

23. Causes and effects of desertification.
24. Write note on urbanization and its impact.

(7 x 2 = 14 Weightage)

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

25. Write an essay on the causes, perception, effects and management of flood hazard
26. Write an essay on sustainable development – its problems and perspectives
27. Discuss the objectives and principles of forest management? Suggest measures of forest protection?
28. Enumerate the drivers of climate change. What are its major impacts on environment?

(2 x 4 = 8 Weightage)
