

D 31409

(Pages : 2)

Name.....

Reg. No.....

THIRD SEMESTER P.G. DEGREE EXAMINATION, NOVEMBER 2022

(CCSS)

Applied Geology

GEL 3E 03 C—DISASTER MANAGEMENT

(2019 Admission onwards)

Time : Three Hours

Maximum : 80 Marks

*Draw neat diagrams wherever necessary.***Part A (Short Answer)***Answer all questions.**Each question carries 2 marks.*

1. Explain Comprehensive Disaster Management Plan.
2. Describe Coastal disasters.
3. Give an account of the different types of drought.
4. Explain Biological disasters.
5. Write a note on Road and rail accidents as man-made disasters.
6. Describe the Disaster management phases.
7. Highlight on the Role of NGO's in Disaster Response.
8. Discuss drought as a potential hazard in Kerala.

(8 × 2 = 16 marks)

Part B (Short Essay)*Answer any six questions.**Each question carries 6 marks.*

9. Give an account of the Disaster Management Act, 2005.
10. Explain Earthquakes as natural disasters.
11. Evaluate the causes, adverse effects and mitigation of landslides.

Turn over

12. Describe nuclear disasters and chemical disasters with suitable examples.
13. Explain the causes and adverse impacts of air pollution and water pollution.
14. Give details on coal fire and oil fire as man-made disasters.
15. Discuss the role of IT and Communication in disaster management.
16. Explain Risk Reduction and Vulnerability Analysis of disaster.
17. Enumerate points on the role of Armed Forces and Police in Disaster Response.
18. Describe the recent landslides and floods in Kerala and their impacts on society.

(6 × 6 = 36 marks)

Part C (Essay)

*Write essays on any **two** of the following.*

Each question carries 14 marks.

19. Describe the Institutional Framework - Policy and Administrative framework for Disaster Management in India.
20. Explain cyclones and floods as natural disasters with reference to their prevention, preparedness and mitigation measures.
21. Give an account of Climate change with reference to Global warming and Ozone depletion highlighting on the causes, adverse effects and mitigation.
22. Discuss the applications of Science and Technology for Disaster Management.

(2 × 14 = 28 marks)