



B.Tech VII Semester Supplementary Examinations, July 2022

DISASTER MANAGEMENT (CSE)

Maximum Marks: 70

Date:06.07.2022 Duration: 3 hours

- Note:**
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit which carries 10M.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks

(10x2M=20 Marks)

- 1 Define an ecosystem.
- 2 Define environmental stress.
- 3 What are the functions of crisis management?
- 4 Differentiate exogenous and endogenous hazards.
- 5 What are the different causes of landslides?
- 6 What is the impact of volcanic eruptions on environment?
- 7 Mention different types of cyclones.
- 8 What are the different causes of biological hazards?
- 9 What are the uses of state disaster management plans?
- 10 What is the role of an emergency stage in disaster management?

Part-B

Answer All the following questions.

(10MX 5=50Marks)

- 11 A. Explain the classification of environmental hazards. [5]
B. Explain the various disasters affecting the environment. [5]

OR

- 12 A. Define vulnerability and discuss the process of vulnerability analysis. [5]
B. Write about levels of disaster and explain about various factors affecting disaster? [5]

- 13 Describe the different type of natural and man induced hazards. [10]

OR

- 14 A. Explain the importance of planning for relief of any disaster. [5]
B. Explain the role of risk management in disaster management mechanism. [5]

- 15 Explain the necessity of legislative support at the national level for capacity building. [10]

OR

- 16 A. Explain the various methods of mitigation of earthquake hazards. [5]
B. Explain the method of measuring the earthquakes with neat sketch. [5]

- 17 A. Explain the various types of Hydrological hazards. [5]
B. What are the causes of floods and explain the different methods of flood control measures. [5]

OR

18 Explain in detail the role of mass media in disaster management. [10]

- 19 A. Explain the disaster management act of India. [5]
B. Explain the steps in formulating a disaster risk reduction plan. [5]

OR

20 Explain the significance of rehabilitation in the disaster management. [10]