



R18 Regulation

Subject code: 207EA

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech VII Semester Supplementary Examinations, April 2024

DISASTER MANAGEMENT

(CSE)

Maximum Marks: 70

Date: 29.04.2024 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.
 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 meteorological disaster.
- 2 What is a hydrological hazard? Give examples
- 3 What is DRR?
- 4 What are the different earthquake zones in India?
- 5 What is meant by capacity building?
- 6 List the role of legislature in capacity building.
- 7 What is coping strategy?
- 8 Write the benefits of disaster management centers.
- 9 List any two features of National Policy on Disaster Management.
- 10 Expand NIDM, SDMA, NDRF, NEC.

Part-B

Answer All the following questions.

(10M X 5=50Marks)

- 11 Discuss the characteristics and damage potential of manmade hazards. (10m)
OR
- 12 A. Write a note on floods and discuss its types and causes. (5m)
B. Write about the levels of disaster and give factors effecting disaster (5m)
- 13 Discuss the five key components of effective disaster management. Define disaster with reference to major environmental concerns. (10m)
OR
- 14 A. Write a short note on effect of cyclones. (5m)
B. What activities are undertaken to mitigate the effects of a cyclone in a coastal area? (5m)
- 15 A. Describe the structural measures for control of floods. (5m)
B. Identify and discuss the various hazards which are associated with volcanic eruptions. (5m)
OR
- 16 Why there is a need for capacity building? Categorize its vital components. (10m)

17 Explain the role of mass media and communication in disaster management. (10m)

OR

18 Discuss about the legislative support of state and national level. (10m)

19 Explain in detail about disaster management act 2005. (10m)

OR

20 A. Evaluate the role played by NGOs in disaster management plan. (5m)

B. What are the different nodal ministries involved in India for various disasters. (5m)