



R18 Regulation

Subject code: 207EA

**TKR COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Autonomous, Accredited by NAAC with 'A+' Grade)

**B.Tech VII Semester Supplementary Examinations, November 2023**

**DISASTER MANAGEMENT**  
(Computer Science and Engineering)

**Maximum Marks: 70**

**Date:08.12.2023 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 endogenous and exogenous hazards?	L1
2	What is a hydrological hazard? Give examples	L1
3	Compare the risk and Hazard.	L2
4	What are the different earthquake zones in India?	L1
5	Mention the different stakeholders in capacity building process?	L1
6	Enlist some of the legal provisions for disaster management.	L2
7	What is meant by occupational health hazards and its types?	L1
8	What is risk transfer?	L1
9	Define the term rehabilitation.	L1
10	What is the role of National Institute of Disaster Management (NIDM) in disaster mitigation.	L1

**Part-B**

Answer All the following questions. (5X10M=50Marks)

11	Classify the environmental hazards. Explain it briefly. (10m)	L2
OR		
12	A. Write a note on floods and discuss its types and causes. (7m) B. Describe the flood prone areas/regions in our country. (3m)	L1 L2
13	List man made hazards that emanate from human activities ultimately leading to a disaster. (10m)	L2
OR		
14	Write in brief on the disaster management cycle? (10m)	L2
15	What is disaster management? Write the necessary measures of disaster management? (10m)	L1
OR		
16	Discuss about strengthening capacity of reducing risk. (10m)	L2

17	Explain the role of mass media and communication in disaster management. (10m)	L2
	OR	
18	What are chemical hazards? What corrective measures can be taken to mitigate the effects of such risk? Describe taking the example of Bhopal incident. (10m)	L1
19	Write the main functions of National Disaster Management Authority and the national executive committee. (10m)	L2
	OR	
20	Write about the role of Central govt. in Disaster management and the responsibilities of central ministries and Departments. (10m)	L2