



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 2025

DISASTER MANAGEMENT

(CSE)

Maximum Marks: 70

Date: 01.12.2025

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)		Marks	CO	BTL
1	Define endogenous and exogenous hazards?	2M	1	L1
2	What is a hydrological hazard? Give examples	2M	1	L1
3	Compare the risk and Hazard.	2M	2	L1
4	What are the different earthquake zones in India?	2M	2	L1
5	Write a short note on capacity building.	2M	3	L1
6	What are the non-structural mitigation measures for Disaster Risk Reduction.	2M	3	L1
7	What are chemical Hazards.	2M	4	L1
8	What is risk transfer?	2M	4	L1
9	Define the term rehabilitation.	2M	5	L1
10	What is the role of National Institute of Disaster Management (NIDM) in disaster mitigation.	2M	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
11	Classify the environmental hazards. Explain it briefly.	10M	1	L2
OR				
12	What is vulnerability? Write the different types of vulnerability in disasters?	10M	1	L2
13	Write in brief on the disaster management cycle?	10M	2	L2
OR				
14	Describe the efforts taken by National Disaster Management Authority for providing immediate relief measures to disaster affected people.	10M	2	L2
15	What are the various elements of capacity building? Explain in detail about them.	10M	3	L2
OR				
16	Discuss about strengthening capacity of reducing risk.	10M	3	L2
17	Write the role of radio, Doordarshan and public educational media in	10M	4	L2

	disaster management.			
	OR			
18	What are the skills required by the people to provide relief to the affected people immediately following a disastrous event.	10M	4	L2
19	Write about State Disaster Management Authority and State Disaster Management Plan	10M	5	L2
	OR			
20	Write about the National Institute of Disaster Management. What are functions of NIDM in disaster management.	10M	5	L2