



R20 Regulation

Subject code: 307FA

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VII Semester Supplementary Examinations, November 2025

DISASTER MANAGEMENT

(IT)

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	Classify the types of disaster.	2M	1	L1
2	What is vulnerability factor?	2M	1	L1
3	Write concept of preparedness during disasters.	2M	2	L1
4	Define disaster cycle.	2M	2	L1
5	Write a short note on capacity building.	2M	3	L1
6	List the role of legislature in capacity building.	2M	3	L1
7	What is coping strategy?	2M	4	L1
8	Write the benefits of disaster management centres.	2M	4	L1
9	What is the role of urban local bodies in disaster management?	2M	5	L1
10	Explain NIDM, SDMA, NEC and IMD.	2M	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
11	Explain briefly about the concept of environmental hazards and disaster.	10M	1	L2
OR				
12	Explain different approaches to disaster management.	10M	1	L2
13	What is the disaster management cycle? Explain different stages of the disaster management cycle?	10M	2	L2
OR				
14	Discuss about structural and non structural mitigation measures in disaster management.	10M	2	L2
15	What are the technologically advanced warning systems available for the various disasters?	10M	3	L2
OR				
16	Enlist the various institutions and national centers involved in natural disaster reduction?	10M	3	L2
17	What is meant by occupational health Hazards. Explain in detail about its various types.	10M	4	L2

	OR			
18	Discuss about role of mass media in disaster management.	10M	4	L2
19	Explain steps of preparation of Disaster risk reduction plan & who all should be involved for planning.	10M	5	L2
	OR			
20	Explain in detail about Disaster management act 2005. Also write latest policies in India updates.	10M	5	L2