



R20 Regulation

Subject code: 306CD

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Supplementary Examinations, November 2025

DISASTER MANAGEMENT

(ME)

Maximum Marks: 70

Date: 17.11.2025

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	What is environmental hazard?	2M	1	L1
2	How to prevent a Hazard from changing into a disaster?	2M	1	L1
3	Define capacity building.	2M	2	L1
4	What are various types of environmental Hazards?	2M	2	L1
5	Distinguish between hazard and disaster.	2M	3	L1
6	What is meant by landslides?	2M	3	L1
7	Specify the importance of early warning systems.	2M	4	L1
8	What is global warming.	2M	4	L1
9	Define disaster management.	2M	5	L1
10	Define post-disaster stages.	2M	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
11	Explain in detail the aspects of environmental stress and management of the environment.	10M	1	L2
OR				
12	Explain different types of meteorological disaster.	10M	1	L2
13	How the manmade hazards controlled and regulated? Discuss.	10M	2	L2
OR				
14	Write about different approaches to disaster management.	10M	2	L2
15	a) Define disaster management and explain the need for effective disaster management strategies.	5M	3	L2
	b) What are the pre-disaster measures that are taken to prevent loss of life due to any hazard?	5M		
OR				
16	Write down the causes and types of earthquake clearly.	10M	3	L2
17	The role of mass media during disasters in detail.	10M	4	L2
OR				

18	Enumerate the key features of disaster management Act and policies in India.	10M	4	L2
19	Explain briefly about pre-disaster stages.	10M	5	L2
	OR			
20	How structural and non-structural measures assess the capacity?	10M	5	L2