



R20 Regulation

Subject code: 307FA

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VII Semester Regular Examinations, November 2023

DISASTER MANAGEMENT

(Information Technology)

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 which carries 10M.
 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 the Concept of Disaster	
2	Write about Earthquake hazards	L1
3	Distinguish between response and recovery in disaster management.	L2
4	What is Mitigation?	L2
5	What Monitoring Systems are used for tracing the path of Cyclones?	L1
6	How do you define Local Stroms?	L1
7	What are the various steps in management of disasters?	L1
8	Mention various safety norms for Preparedness of Disaster management	L2
9	Mention any two strategies for Disaster management planning and define them	L3
10	Mention about the National disaster management authorities.	L3

Part-B

Answer All the following questions.

(5X10M=50Marks)

11	A. Define Disaster and important perceptions on disasters. [5] B. Write about the manmade disasters. [5]	L1 L2
OR		
12	Explain clearly about Landscape approach and perception approach to disaster management. [10]	L2
13	Discuss various types of natural disasters in India and highlight their effects. [10]	L1
OR		
14	A. Discuss the earthquake risk mitigation techniques. [5] B. Differentiate between structural and non-structural measures of flood mitigation and discuss the importance of forecasting, warning and monitoring system in India. [5]	L1 L2
15	A. What are Structural and Non structural Measures of landslide mitigation and what is the difference between the two. [5] B. Discuss the importance of forecasting, warning, and monitoring systems in India. [5]	L1 L2
OR		
16	What is the necessity of capacity building? Explain the capacity building measures in detail. [10]	L1

17	Explain in detail Industrial safety norms planning. [10]	L2
	OR	
18	Write in detailed note on the activities of National Disaster Management Authority. [10]	L2
19	A. Discuss in brief the Disaster Management Cycle. [5]	L2
	B. Define Post disaster Stages. [5]	L2
	OR	
20	Explain about the disaster management act 2005. [10]	L2