



R20 Regulation

Subject code: 308GA & 308HA

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VIII Semester Regular Examinations, April 2024

DISASTER MANAGEMENT

(Common to CSE(AIML) & CSE(DS))

(Open Elective)

Maximum Marks: 70

Date:24.04.2024 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)		CO	Bloom Tx
1	What is vulnerability factor?	1	L1
2	Write the concept of Disaster.	1	L1
3	Write about Recovery.	2	L1
4	Write the concept of Preparedness during disasters?	2	L1
5	Name some Non-structural measures in disaster management.	3	L1
6	What is risk reduction?	3	L1
7	Mention some safety norms during disaster management.	4	L1
8	Define the Coping strategy.	4	L1
9	Write about the disaster risk reduction plan?	5	L1
10	Expand NIDM,SDMA,NEC and IMD.	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)			
11	What is Disaster management? Classify and explain different types of Disasters. [10]	1	L1
	OR		
12	Define Hazard Assessment. What are the various dimensions of Vulnerability factors. [10]	1	L1
13	What is the disaster management cycle? Explain different stages in Disaster management cycle. [10]	2	L1
	OR		
14	Explain the Following concepts in detail: a) Recovery [3] b) Rehabilitation [3] c) Emergency Relief [4]	2	L2

15	Detail about the structural measures of Capacity building. [10]	3	L2
	OR		
16	Write about expansion and modernization of Flood forecasting services in India. [10]	3	L1
17	Explain about Land slides and their classification. [10]	4	L2
	OR		
18	List out different stages in coping strategies and write in detail about them. [10]	4	L2
19	Define in detail about the Industrial Safety Plan and disaster Preparedness. [10]	5	L1
	OR		
20	Explain about disaster management act and Policy in India. [10]	5	L2