



R20 Regulation

Subject code:306CD

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Supplementary Examinations, February 2024

Disaster Management

(Mechanical Engineering)

Maximum Marks: 70

Date:27.02.2024 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	Define environmental Disaster.	1	L1
2	What are chemical hazard?	1	L1
3	Compare risk and hazard.	2	L2
4	Define disaster management.	2	L1
5	What you mean by capacity building .	3	L1
6	Define terrestrial hazards.	3	L1
7	What are uses of survival kits in disaster management?	4	L2
8	Explain the industrial safety plan for disaster management.	4	L1
9	List planetary hazards	5	L1
10	List district level disaster management plans.	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)			
11	Explain the various dimensions of vulnerability factors. [10]	1	L1
	OR		
12	Explain the disaster phenomena and the important events at national level. [10]	1	L1
13	Write brief on the disaster management cycle. [10]	2	L1
	OR		
14	What activities are undertaken to mitigate the effects of a cyclone in a coastal area? [10]	2	L2
15	Describe a few conservation measures to prevent floods. [10]	3	L1
	OR		
16	Discuss about strengthening capacity for reducing risk. [10]	3	L2
17	Explain in detail the role of mass media in disaster management. [10]	4	L1
	OR		
18	Explain the various coping strategies related to disasters. [10]	4	L1
19	Discuss about strategies for disaster management planning. [10]	5	L2
	OR		
20	Prepare a organizational structure for disaster management in India. [10]	5	L1