



R20 Regulation

Subject code: 307FA

# TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VII Semester Regular Examinations, December 2024

## DISASTER MANAGEMENT

(IT)

Maximum Marks: 70

Date:04.01.2025

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 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	Explain the concept of disaster		1	2
2	Distinguish between natural and manmade hazards		1	4
3	What is meant by disaster management mechanism.		2	1
4	What do you understand by crisis management		2	1
5	Analyse the concept of capacity building		3	4
6	What are counter disaster resources?		3	1
7	Explain the concept of industrial safety plan		4	2
8	What are coping strategies		4	1
9	Identify the principles of disaster management act		5	4
10	Discuss the planning for disaster management plan		5	6

### Part-B

Answer All the following questions.		(5X10M=50Marks)	CO	Bloom Tx
11	A. What are the concepts of risk levels of disaster .Explain in brief?	(5M)	1	1
	B. Classify dimensions of vulnerability factors .explain them briefly.	(5M)		3

OR

12	A. How vulnerability assessment can be made.	(5M)	1	1
	B. Classify and explain different approaches of disaster.	(5M)		3
13	A. Explain the terms response and recovery in detail	(5M)	2	2
	B. Explain the concept of risk management	(5M)		1

OR

14	A. Explain in detail about disaster management cycle	(5M)	2	1
	B. Compare mitigation and preparedness with relation to disaster.	(5M)		3
15	A. What are the various counter disaster resources .explain briefly?	(5M)	3	2
	B. Explain the concept of strengthening capacity for reducing risk	(5M)		1

	OR		
16	A. Explain how the capacity is developed using structural measures. (5M) B. What is the role of legislative support at the state level in disaster management. (5M)	3	1 1
17	A. Explain about survival kits in disaster management. (5M) B. Explain the changing concepts of disaster management. (5M)	4	3 2
	OR		
18	A. Elaborate the safety norms in detail in disaster management. (5M) B. Analyse the mass media role in disaster management. (5M)	4	5 3
19	A. Explain how state disaster management plan prepared. (5M) B. Examine the disaster management policy in India. (5M)	5	2 5
	OR		
20	A. Explain the various strategies for disaster management planning. (5M) B. Analyse the organizational structure for disaster management in India. (5M)	5	2 3