R22 Regulation *Subject code:4O6EB*

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Regular/Supplementary Examinations, April 2026

DISASTER MANAGEMENT

(Common to CSE & CSE(DS))

Maximum Marks: 60 Date:25.04.2026 Duration: 3 hours

Note: 1.This question paper contains two parts A and B.
2. Part A is compulsory which carries 10 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 (10X1M=10 Marks)		Marks	CO	Bloom Tx
1.a)	Define Disaster.	1M	1	1
b)	List various man made hazards.	1M	1	1
c)	Define risk management.	1M	2	1
d)	Write about prevention of disaster.	1M	2	1
e)	Give the importance of capacity building.	1M	3	1
f)	List the role of legislature in capacity building.	1M	3	1
g)	What is the importance of industrial safety plan?	1M	4	1
h)	Define Mass media.	1M	4	1
i)	List the strategies for disaster management planning.	1M	5	1
j)	Write about disaster management act.	1M	5	1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	Bloom Tx
2	Explain any two significant historical disasters.	10M	1	2
	OR			
3	Explain the vulnerabilities to flood and earthquake hazards.	10M	1	2
4	Explain the different measures taken for providing relief to disaster affected people.	10M	2	3
	OR			
5	Discuss the various stages of disaster management cycle with a neat sketch.	10M	2	2
6	Explain the structural and non structural mitigation measures in disaster management.	10M	3	2
	OR			
7	Explain the counter disaster resources and their utility in disaster management.	10M	3	2

8	Explain the changing concepts of disaster management.	10M	4	2
	OR			
9	Explain the role of safety norms and survival kits in preventing industrial disasters.	10M	4	2
10	Discuss the steps for formulating a disaster risk reduction plan	10M	5	2
	OR			
11	Explain the organizational structure for disaster management in India and their responsibilities.	10M	5	2