



R22 Regulation

Subject code:407EA,407FA&407GA

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VII Semester Regular Examinations, November 2025

DISASTER MANAGEMENT

(Common to CSE, IT & CSE(AI&ML))

Maximum Marks: 60

Date: 01.12.2025

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	BloomTx
1.a)	Define Disaster.	1M	1	1
b)	What is Vulnerability?	1M	1	1
c)	Write about Prevention of Disaster.	1M	2	1
d)	Define Risk management.	1M	2	1
e)	Write about Disaster response time.	1M	1	1
f)	What is the Counter disaster resource.	1M	3	1
g)	Write the Survival kit.	1M	4	1
h)	What is the Industrial safety plan.	1M	4	1
i)	Write about Disaster management act.	1M	5	1
j)	Define the term rehabilitation.	1M	4	1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BloomTx
2	Evaluate different approaches of Disaster. List the environmental hazards. Explain it briefly.	5M 5M	1	2
OR				
3	Explain vulnerability and disaster risk.	10M	1	2
4	Analyze Disaster management cycle.	10M	2	2
OR				
5	Evaluate mitigation and preparedness of disaster management.	10M	2	2
6	a) How to utilize Counter Disaster resources in Disaster management? b) Enlist the various institutions and national centers involved in natural disaster reduction?	5M 5M	3	2
OR				
7	What is capacity building? Explain the structural and non-structural measures of capacity building.	10M	3	2

8	Explain the role of mass media in disaster management?	10M	4	2
	OR			
9	Changing concepts of disaster management.	10M	4	2
10	Evaluate steps for formulating a disaster risk reduction plan.	10M	5	2
	OR			
11	Explain organizational structure for disaster management in India.	10M	5	2