



R20 Regulation

Subject code:306CD

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Supplementary Examinations, December 2024

DISASTER MANAGEMENT (ME)

Maximum Marks: 70

Date:09.01.2025

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	What is environmental hazard?	1	L1
2	How to prevent a Hazard from changing into a disaster?	1	L1
3	Define capacity building.	2	L1
4	Define physical and biological Hazards.	2	L1
5	Define Earthquake	3	L1
6	What is meant by land slides?	3	L1
7	What is crisis management?	4	L1
8	What are the basic requirements in an emergency kit?	4	L1
9	Differentiate rescue and preparedness.	5	L1
10	Define pre-disaster stages.	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		CO	Bloom Tx
11	A)Distinguish between environmental stress, hazard and disaster giving examples. [5M] B)Describe Ecosystem approach and the perception approach of disaster management? [5M]	1	L2
	OR		
12	A)How does human perception changes with environmental degradation? Discuss. [5M] B)How does landscape approach aid in reducing environmental stress? Give examples. [5M]	1	L2
13	Write a short note on man induced hazards briefly. [10M]	2	L2
	OR		
14	Differentiate between environmental hazard and disaster with examples. [10M]	2	L2
15	Explain Human adjustment, perception and mitigation of of disaster. [10M]	3	L2
	OR		
16	Write down the causes and distribution of earthquake clearly. [10M]	3	L2

17	What are the causes of different types of environmental pollution and their effects. [10M]	4	L2
	OR		
18	Explain vulnerabilities to floods and earthquakes in detail. [10M]	4	L2
19	Give an account of the various essentials and their uses in an emergency kit during disasters. [10M]	5	L2
	OR		
20	A) Write about vulnerabilities to floods and earthquakes. [5M] B) What is environmental stress and explain about types of environmental stress. [5M]	5	L2