

**ANURAG Engineering College
(An Autonomous Institution)**

IV B.Tech I Semester Supplementary Examinations, April – 2024

**DISASTER MANAGEMENT
(COMMON TO EEE, ECE & CSE)**

Time: 3 Hours

Max. Marks: 75

Section – A (Short Answer type questions)

(25 Marks)

Answer All Questions

	Course Outcome	B.T Level	Marks
1. List out the approaches of disaster management.	CO1	L1	2M
2. Define Environmental disaster.	CO1	L1	3M
3. Give few examples of man-made disasters.	CO2	L1	2M
4. Distinguish between exogenous and endogenous disasters.	CO2	L1	3M
5. Name the scale of measurement of earthquake intensity.	CO3	L1	2M
6. Is there any relation between an earthquake and a volcano? Discuss.	CO3	L1	3M
7. Define biological hazards.	CO4	L1	2M
8. What are the effects of tropical cyclones?	CO4	L1	3M
9. What is meant by disaster preparedness?	CO5	L1	2M
10. Outline the significance of prediction and prevention phase in disaster management.	CO5	L1	3M

Section B (Essay Questions)

Answer all questions, each question carries equal marks.

(5 X 10M = 50M)

11. A) Define human Ecology. Outline the field of applications in geographical Researchers.	CO1	L3	10M
OR			
B) Discuss the objectives and advantages of landscape approach with reference to disaster management.	CO1	L2	10M
12. A) Draw a flow chart of planetary and extra planetary hazard and Explain it briefly.	CO2	L2	10M
OR			
B) Distinguish between natural and man-made disasters.	CO2	L3	10M
13. A) i) Describe various types of hazards and impacts associated with earthquake. ii) List out the items of kit for being prepared of volcanic eruption.	CO3	L2	5M
		L1	5M
OR			
B) i) Discuss the process of a typical landslide with the help of labelled diagram. ii) State the causes for the occurring of earthquake.	CO3	L2	5M
		L1	5M
14. A) Distinguish between a cyclone and anti – cyclone with reference to wind directions.	CO4	L3	10M
OR			
B) Describe any flooding disaster that occurred in India and write various lessons that you have learned from it.	CO4	L2	10M
15. A) Enlist the different stages of disaster management. Write in detail about pre-disaster stage.	CO5	L3	10M
OR			
B) Draw the disaster management cycle and explain every stage in it.	CO5	L2	10M