

ANURAG Engineering College

(An Autonomous Institution)

IV B. Tech I Semester Regular/Supplementary Examinations, Dec-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. Distinguish Hazard and Disaster. | CO1 | L2 | 2M |
| 2. What is Ecosystem Approach in disaster Studies? | CO1 | L1 | 3M |
| 3. Explain exogenous hazards with a suitable example. | CO2 | L2 | 2M |
| 4. Write down different types of Planetary hazards. | CO2 | L2 | 3M |
| 5. List out the reasons for the Volcanic eruption. | CO3 | L1 | 2M |
| 6. Write the types of landslides. | CO3 | L2 | 3M |
| 7. Define hail storms. | CO4 | L1 | 2M |
| 8. List out Various Names of Cyclones. | CO4 | L1 | 3M |
| 9. What are the events in post disaster stage? | CO5 | L1 | 2M |
| 10. Write down the stages of disaster management. | CO5 | L2 | 3M |

Section B (Essay Questions)**Answer all questions, each question carries equal marks.****(5 X 10M = 50M)**

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|--|-----|----|-----|
| 11. A) Discuss about different approaches involved in disaster management? | CO1 | L3 | 10M |
| OR | | | |
| B) Explain main tasks of human ecology and specify the role of 'social perception' in disaster risk reduction? | CO1 | L2 | 10M |
| 12. A) Explain briefly about the endogenous hazards and its management. | CO2 | L2 | 10M |
| OR | | | |
| B) Take any three commonly occurring natural disasters and briefly explain their characteristics. | CO2 | L3 | 10M |
| 13. A) Write down the causes and distribution of earthquake clearly. | CO3 | L3 | 10M |
| OR | | | |
| B) How do you explain the human adjustment, perception and mitigation of earthquake. | CO3 | L3 | 10M |
| 14. A) How do floods occur? Write a short note on flood hazards in India. | CO4 | L3 | 10M |
| OR | | | |
| B) Write a note on sedimentation process and chemical hazardous. | CO4 | L3 | 10M |
| 15. A) Explain briefly about pre-disaster stages. | CO5 | L2 | 10M |
| OR | | | |
| B) What is meant by post disaster stage? Explain clearly. | CO5 | L3 | 10M |