

Register No.: Name:

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

FIFTH SEMESTER B.TECH DEGREE EXAMINATION (S), FEBRUARY 2023

**COMMON TO ALL BRANCHES
(2020 SCHEME)**

Course Code : 20MCN301

Course Name: Disaster Management

Max. Marks : 50

Duration: 2 Hours

PART A

(Answer all questions. Each question carries 3 marks)

1. Explain the types of monsoon in Indian subcontinent.
2. Highlight the major sources of data for Hazard Mapping.
3. Summarize the different types of Disaster Prevention with proper examples.
4. Define Crisis Counselling. List any two goals of Crisis Counselling.
5. List out the legislations in India on Disaster Management.

PART B

(Answer one full question from each module, each question carries 7 marks)

MODULE I

6. Define the following terms in the context of Disaster Management (7)
(i) Hazard (ii) Disaster (iii) Exposure (iv) Resilience

OR

7. Categorize the various layers of atmosphere based on their distance from earth and explain the features of each layer with a diagram. (7)

MODULE II

8. Explain different types of hazards with example. (7)

OR

9. Summarize different types of Vulnerabilities. List any two Socio - Economic indicators of natural capital as livelihood asset. (7)

MODULE III

10. Illustrate with a suitable block diagram the functions and responsibilities involved in the disaster risk management framework. (7)

OR

11. a) Define Disaster Preparedness and explain different types of Disaster Preparedness. (4)
b) Explain different types of Disaster Mitigation Measures. (3)

MODULE IV

12. a) Explain briefly about different levels of involvement by Stakeholder in designing the participatory process. (4)
b) Identify different barriers involved in effective communication. (3)

OR

13. Suggest different methods and tools for improving Participatory Stakeholder Engagement (7)

MODULE V

14. Explain the common disaster types in India. (7)

OR

15. State the Targets & Priorities of Sendai framework for disaster risk reduction (7)
