



B.Tech VII Semester Regular/Supplementary Examinations, November 2022

DISASTER MANAGEMENT
(Open Elective)

(Computer Science and Engineering)

Maximum Marks: 70

Date:07.12.2022 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)

- 1 Compare hazards and vulnerability.
- 2 List the agencies involved in disaster management.
- 3 Why are the mitigation activities necessary?
- 4 Summarize various disaster preparedness strategies.
- 5 How the structural and non-structural components are used in risk reduction strategies?
- 6 Explain how the strengthening capacity helps in reducing risk.
- 7 Mention the coping strategies.
- 8 As a safety officer, give your views on the control of fire in industries.
- 9 How the Indian organizational structure helps in disaster management.
- 10 Give your suggestions for conserving natural resources.

Part-B

Answer All the following questions.

(5X10M=50Marks)

- 11 A. Elaborate various classification of natural disaster. (5)
B. Discuss the man-made disaster in India with one example. (5)
OR
- 12 Discuss disaster phenomena and events. (10)
- 13 Describe the concepts of risk management and crisis management. (10)
OR
- 14 Draw the disaster management cycle and explain every stage of it. (10)
- 15 Why there is a need for capacity building? Categorize its vital components. (10)
OR
- 16 Explain the legislative support at the state and national levels during disaster management. (10)
- 17 Discuss the industrial safety plan with examples. (10)
OR
- 18 Elaborate about mass media and disaster management in detail. (10)
- 19 Illustrate the disaster management act and policy in India. (10)
OR
- 20 Give the Steps for formulating a disaster risk reduction plan and explain the Strategies for disaster management planning in detail. (10)

