



B.Tech VI Semester Regular/Supplementary Examinations, June 2022
Disaster Management
(Civil Engineering)

Maximum Marks: 70

Date:23.06.2022 Duration: 3 hours

Part-A

All the following questions carry equal marks

(10x2M=20 Marks)

- 1 Define vulnerabilities.
- 2 Compare disaster with a hazard.
- 3 Give the significance of disaster management.
- 4 List the different phases of disaster management.
- 5 What is non-structural mitigation?
- 6 List the role of legislature in capacity building.
- 7 Mention the items in a survival kit.
- 8 What is the role of mass media in coping with disaster?
- 9 Why should every village have a disaster management committee?
- 10 Enlist the steps of disaster management planning.

Part-B

Answer All the following questions.

(10M X 5=50Marks)

- 11 a) Describe natural disaster and list out the various natural disasters. 5+5
b) Explain any two natural disasters in detail.
- OR
- 12 Discuss the characteristics and damage potential of man-made hazards. 10
- 13 Define disaster with reference to major environmental concerns. Discuss recent trends in disaster management with special reference to India. 10
- OR
- 14 a) Discuss the guiding principles of disaster mitigation and elaborate the problem areas in disaster mitigation. 5+5
b) Write mitigation measures for floods.
- 15 Describe the concept of capacity building for earthquake vulnerability reduction. 10
- OR
- 16 a) Describe the methods of strengthening the disaster risk management capacity. Also add a note on legislative support at national level. 5+5
b) Describe necessity of continuous capacity building.
- 17 Discuss the strategies of coping with various types of hazards associated with cyclone and floods. 10

OR

- 18 a) Describe the need and objectives of a good safety plan in construction industry as a part of disaster management. 5+5
b) Write types of mass media and explain.

- 19 Prepare a disaster management plan for a state affected by severe drought. 10

OR

- 20 a) Discuss the key features of disaster management act in India. Add a note on general disaster management policies. 5+5
b) Prepare a flow chart for disaster management in India.