

811503

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B. Tech. VIII - Sem. (Main) Exam., (Academic Session 2021- 2022)

(Open Elective-II)

8TT6 – 60.2 Disaster Management

Time: 2½ Hours

Maximum Marks: 120

Min. Passing Marks:

*Instructions to Candidates:*

*Part – A: Short answer questions (up to 25 words) 6 × 3 marks = 18 marks.  
Candidates have to answer six questions out of ten.*

*Part – B: Analytical/Problem solving questions 3 × 10 marks = 30 marks.  
Candidates have to answer three questions out of seven.*

*Part – C: Descriptive/Analytical/Problem Solving questions 3 × 24 marks = 72 marks.  
Candidates have to answer three questions out of five.*

*Schematic diagrams must be shown wherever necessary. Any data you feel missing may suitably be assumed and stated clearly. Units of quantities used/calculated must be stated clearly.*

*Use of following supporting material is permitted during examination.  
(Mentioned in form No. 205)*

1. NIL

2. NIL

**PART – A**

Q.1 What is disaster?

Q.2 What is hazard?

Q.3 Name any two drought prone regions of India.

Q.4 What is disaster management?

Q.5 Name any two Hydro – meteorological based disasters.

- Q.6 What is sustainable development?
- Q.7 What do you understand by flash flood?
- Q.8 Name any two industrial disasters.
- Q.9 What are the social impacts of disasters?
- Q.10 What do you understand by industrial hazards?

### **PART – B**

- Q.1 Explain the characteristics of manmade disasters and write the measures for its preventions.
- Q.2 What is the importance of pre – disaster management?
- Q.3 Write a short note on effect of forest fire.
- Q.4 What are the reasons for Tsunami and what are the post effects of Tsunami disaster?
- Q.5 Discuss the factors of risk and vulnerability after a disaster.
- Q.6 Discuss the impact of earthquake disaster on society.
- Q.7 What are the reasons for traffic accidents? How youth can help in avoiding traffic accidents?

### **PART – C**

- Q.1 What are the severe impacts of flashfloods and landslide disaster in Himalayan region?  
How the disaster management works are carried out in mountain regions?
- Q.2 What preventive measures should be taken to reduce the damage during cyclones, especially at coastal area?
- Q.3 How technology plays an important role in disaster management? Discuss in detail..
- Q.4 Discuss about the textile processing industrial hazards and their mitigation.
- Q.5 How fire hazards in multi – story building can be minimized? What are the fire protection requirements in high rise building?

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