

6TH SEM./ CIVIL ENGINEERING / 2022(S)
TH-4 DISASTER MANAGEMENT

Full Marks: 80

Time- 3 Hrs

Answer Any FIVE Questions including Q No.1& 2
Figures in the right hand margin indicates marks

1. Answer **All** questions 2 x 10
- a. Differentiate between hazard and disaster.
 - b. What is Richter scale?
 - c. What do you mean by pandemic situation?
 - d. Define Landslide.
 - e. What are the types of cyclone?
 - f. Define Hazard Mapping.
 - g. What is remote sensing?
 - h. What is Tsunami?
 - i. Write names of different authorities of institutional arrangement for disaster management in India. (No description required)
 - j. Write the classification of flood on the basis of duration.
2. Answer **Any SIX** Questions 6 x 5
- a. Describe about disaster management cycle.
 - b. Write about causes of earthquake?
 - c. What are the onset, types and causes of Tsunami?
 - d. Write about different hazard zones in India due to landslide.
 - e. Write about advantages of GPS in disaster management.
 - f. State the damages caused by forest fire.
 - g. Write the difference between chemical disaster and industrial disaster.
3. What are the stages of warnings issued by State Government for cyclone? 10
4. What are the typical effects of flood? 10
5. What are the types of retaining walls? 10
6. What are the mitigation and preventive measures to control drought? 10
7. Explain the role of policy maker in disaster risk reduction. 10