

Roll No.

24864

**B. Tech. 7th Sem. (Fire Tech. & Safety)
Examination – December, 2016**

DISASTER MANAGEMENT

Paper : FT-407-F

Time : Three Hours] [Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt any *five* questions in total. Questions No. 1 is *compulsory* and must be attempt *one* question from each Section.

1. (a) What do you mean by Disaster Management ?

5 × 4 = 20

(b) Define Hazard.

(c) What is Emergency Planning ?

(d) What do you mean by contingency plan ?

(e) What is GIS in disaster management ?

SECTION – A

2. Explain any one major Industrial Disaster with their cause and consequence. 20
3. How will you implement the major hazard control system ? Explain in detail. 20

SECTION – B

4. Explain the offsite emergency planning with their objective, element and service. 20
5. Explain the following role in the case of Hazard : 20
- (a) Administrative Machinery
 - (b) Local Authority

SECTION – C

6. Explain the contingency plan for oil spills in marine environment. 20
7. What must be the requirements of emergency plan as per Indian legislations ? 20

SECTION – D

8. (a) How will you predict the earthquake ? 10
- (b) Hazard management activity in the case of land slide. 10
9. Which types of vulnerable elements to be considered in the development for natural hazard management ? 20
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