

24864

**B. Tech. 7th Semester (Fire Tech. & Safety) F. Scheme
Examination, December– 2017**

DISASTER MANAGEMENT

Paper– FT-407 F

Time allowed : 3 hours] [Maximum marks : 100

Note : Question No. 1 is compulsory. Attempt any five questions in total. One question must be attempted from each section.

1. (a) Explain the importance of the disaster management for any industrial hazard.
- (b) Differentiate between on site and off site emergency plan.
- (c) What do you mean by contingency plan.
- (d) What is GIS in disaster management. $4 \times 5 = 20$

Section–A

2. Explain the Seveso industrial disaster with identification, causes and consequence in detail. 20
3. Explain the component of the major hazard control system. 20

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Section-B

4. Explain the APELL in detail. 20
5. Explain the off site emergency planning with their need, objective, element and formulation. 20

Section-C

6. Explain the OHSAS 18001 international standard for the emergency planning. 20
7. Explain the emergency plan as per Indian legislation for the manufacturing, storage and import of the hazardous material. 20

Section-D

8. How rescue and relief operation will be provided in the case of natural earthquake. 20
9. Write the short note on the following :
 - (a) Post Disaster rehabilitation and reconstruction.
 - (b) Vulnerable elements considered for the planning of the natural hazard management. 10,10