

Roll No.

3730

**B. Tech. 8th Semester
(Electronics & Communication Engg.)
Examination – May, 2023**

DISASTER MANAGEMENT

Paper : OEC-CE-417-G

Time : Three Hours] [Maximum Marks : 75

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 five questions in all, selecting one question from each Section. Question No. 1 is compulsory. All questions carry equal marks.

1. Explain the following concept : 6 × 2.5 = 15
- (a) Define disaster.
 - (b) Fire hazard.
 - (c) Storm surge.

3730-500-(P-3)(Q-9)(23)

P. T. O.

- (d) Role of NDMA in Disaster Management.
- (e) Land use planning.
- (f) Epidemic.

SECTION - A

- 2. (a) Differentiate between hazard and disaster. 7.5
- (b) Explain the role of engineers in disaster management. 7.5
- 3. Write short notes on : 7.5 × 2 = 15
 - (a) Land disasters.
 - (b) Disaster Mitigation.

SECTION - B

- 4. Write short note on : 7.5 × 2 = 15
 - (a) Earthquake
 - (b) Volcanic eruptions
- 5. Write short note on : 7.5 × 2 = 15
 - (a) Causes and consequences of chemical hazard.
 - (b) Role of growing population and subsequent Industrialization in disaster.

3730- (P-3)(Q-9)(23) (2)

SECTION - C

- 6. Analyse and assess the damage profile of Latur earthquake in detail. 15
- 7. Write a detailed note on Forest related disasters. 15

SECTION - D

- 8. Discuss the role and responsibilities of NIDM and NDMA in India. 15
- 9. What is GPS ? Discuss its application in disaster management. 15

3730- (P-3)(Q-9)(23) (3)