

300806(20)

B. E. (Eighth Semester) Examination, 2020

APR-MAY

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(New Scheme)

(Civil Engg. Branch)

DISASTER MANAGEMENT

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : All the questions are compulsory. Part (a) of each question is compulsory and answer any two parts out of (b), (c) & (d) of each question.

Unit-I

1. (a) What do you mean by Earthquake? 2

- (b) Describe about the concept of cyclones, its solution and causes. 7

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- (c) What is floods? Explain the causes of floods and its control. 7
- (d) Write short notes on : 7
- (i) Fire and other environmental disaster
 - (ii) Drought

Unit-II

2. (a) What do you mean by Disaster Zoning? 2
- (b) Explain the Hazard assessment. 7
- (c) Describe the environmental impact assessment. 7
- (d) Explain the behaviour of structures in disaster prone areas. 7

Unit-III

3. (a) Write the two causes of natural disaster. 2
- (b) What are the methods of mitigating damage during disaster? 7
- (c) Explain the damages during disasters and its control. 7

- (d) Explain the disaster risk reduction using : 7
- (i) Preparedness
 - (ii) Mitigation

Unit-IV

4. (a) Write the two names of cyclone in India. 2
- (b) What are the good management system during disasters? 7
- (c) Explain about the construction technology required for mitigation of damage of structures. 7
- (d) What are the earthquake zoning? And how the earthquake zoning is decided? 7

Unit-V

5. (a) What do you mean by term "relief"? 2
- (b) Discuss the salient features of short term relief measures. 7
- (c) Explain the long term relief measures. 7

(d) What are the measures "relief" applied in construction like residential building.

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