

(Following Paper ID and Roll No. to be filled in your
Answer Books)

Paper ID : 121664

Roll No.

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B.TECH.

Theory Examination (Semester-VI) 2015-16

DISASTER MANAGEMENT

Time : 3 Hours

Max. Marks : 100

Section-A

1. Attempt all parts. All parts carry equal marks. Write answer of each part in short. (2×10=20)

- (a) Define draught and its impact.
- (b) What is cyclone?
- (c) What is the reason for global sedimentation problem?
- (d) List some of the conservative measures for soil erosion.
- (e) Write short notes on institution awareness.

- (f) Describe safety programmes for disaster.
- (g) How will you predict the hazards?
- (h) Write short notes on GIS
- (i) Mention the role of panchayats in disaster management.
- (j) Define land Subsidence.

Section-B

2. Attempt any five parts of the following. (10×5=50)

- (a) Explain natural disasters and its mitigation strategies.
- (b) What is meant by volcanic eruption? Explain its causes, distribution and its hazards effects.
- (c) Explain in detail about the chemical hazards and the impact on the environment by the release of toxic chemicals.
- (d) What is meant by population explosion. Explain its causes and its effects.
- (e) Explain the phases of disaster management.

- (f) What are the major challenges in disaster management for quick reconstruction technology?
- (g) Explain any 2 cyclonic disaster in India

Section-C

Note: Attempt any two parts of the following. (15×2=30)

- 3.
 - (a) Describe flood and explain causes of flood.
 - (b) Explain in detail about the biological hazards.
- 4.
 - (a) Explain contingency plans and also the environmental policies and programmes in India
 - (b) Explain the recent trends in disaster information provider
- 5.
 - (a) Explain the role of media in disaster management.
 - (b) Briefly explain the Pre-disaster stage mitigation process.