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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech.(CE) (2012 to 2017) (Sem.-7)

DISASTER MANAGEMENT

Subject Code : BTCE-802

M.Code : 71860

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt ANY FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt ANY TWO questions.

SECTION-A**Answer briefly:**

- 1) Define Emergency Management System.
- 2) What is full form of NDMA and GIS?
- 3) What is the difference between a Hazard and Disaster?
- 4) How tornadoes can be classified?
- 5) How the risk assessment is carried out?
- 6) What are flash floods?
- 7) What are blister agents? Give examples.
- 8) List the role of NGOs in disaster management.
- 9) Define the term Rehabilitation.
- 10) How Tsunami is different from flood?



**SECTION-B**

- 11) Explain about natural human induced and human made disaster.
- 12) Briefly explain the emergency medical and essential public health services.
- 13) What is the role of knowledge based expert systems in hazard scenario?
- 14) Mention the various points that are generated from experiences in rehabilitation and reconstruction activities in disaster management?
- 15) Explain ecological and sustainable development models for disaster management.

SECTION-C

- 16) What are the causes for the Tsunami 2004 which inflicted heavy loss to life and property along the coast of Tamil Nadu? Specify its epicenter and magnitude.
- 17) Write a short note on following :
 - a) Disaster Management Act.
 - b) Indian Armed Forces.
- 18) What are the factors to be considered while planning the rebuilding works after a major disaster due to earthquake?

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

