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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(CE) (2011 Onwards) (Sem.-7,8) DISASTER MANAGEMENT Subject Code : BTCE-802 Paper ID : [A2957]

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 has to attempt ANY FOUR questions.
- 3. SECTION-C contains THREE questions carrying TEN marks each and students has to attempt ANY TWO questions.
- 4. Assume any data suitably.

SECTION-A

Q.1. Answer briefly :

- a) Name and elaborate the categories of disaster.
- b) What is disaster preparedness?
- c) What are the factors that affect people's Vulnerability?
- d) State the guidelines for mitigation of disasters.
- e) What do you mean by community based approach in disaster management?
- f) Discuss the role of NDMA.
- g) What is the need of disaster management?
- h) What are the typical effects of deforestation?
- i) Discuss gender sensitive disaster management approach.
- j) What do you understand by slow onset natural disaster?



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SECTION-B

- Q2. Explain various community based disaster management.
- Q3. Explain about natural human induced and human made disaster.
- Q4. What is the role of knowledge based expert systems in hazard scenario?
- Q5. Explain ecological and sustainable development models for disaster management.
- Q6. What kind of Emergency medical and essential public health services can be suggested for an earthquake affected area?

SECTION-C

- Q7. a) Explain the characteristics of a cyclone.
 - b) Explain in detail the conditions necessary for the development of a cyclone.
- Q8. What are the factors to be considered while planning the rebuilding works after a major disaster due to earthquake?
- Q9. 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.

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