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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

INSTRUCTIONS 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. Write down the types of non-natural disasters.
2. Differentiate between 'Disaster' and 'Hazard'.
3. What do you mean by 'Seismograph'?
4. What is the effect of automobile emission on the atmosphere?
5. Explain the term 'EMS'.
6. Explain the term 'Risk Mapping'.
7. Differentiate between cyclone and tsunami.
8. Write down the important precautions that should be taken during earthquake.
9. Name any two disasters that had hit the India in recent past.
10. Explain the term 'Disaster Management'.

SECTION-B

11. Comment on the role of remote sensing systems in disaster management.
12. Discuss the cause and consequences of earthquakes.
13. What are the major phases of electronic warning system?
14. Explain the role of government agencies in disaster management.
15. Write down the methods for effective dissemination of information for public safety.

SECTION-C

16. Discuss any of previous case study regarding natural disaster in detail.
17. Discuss in detail about planning and design of infrastructure for disaster management.
18. Write a short note on the following in relation to disaster management :
 - a) Insurance sector
 - b) NDMA
 - c) Voluntary activists
 - d) Rehabilitation.

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.