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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (CSE/EEE/EE/ECE) (Sem.-6)
DISASTER PREPAREDNESS & PLANNING

Subject Code : BTCE-405-18

M.Code : 79413

Date of Examination : 07-01-2023

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

1. Write briefly :

- a) What is hazard mapping?
- b) Write a brief note on best case for disaster management for cyclones in India.
- c) What do you understand by Early Warning Systems?
- d) What do you understand by Vulnerability assessment?
- e) Write an account of the lessons learnt from any industrial disaster.
- f) What is Capacity Building for Disaster Management?
- g) What are Super Cyclones and tsunami?
- h) How is exposure significant in risk management?
- i) What are secondary Disasters?
- j) Write a brief note on highlighting the necessity of Disaster Management Act 2005.

SECTION-B

2. Give a detailed overview of disaster management scenario in India in light of some of the recent disasters. State the organizational structure for the Disaster management in the country constituted under the Disaster Management Act 2005.
3. How is GIS and remote sensing systems helpful in Disaster Management?
4. State the role of NGO in Disaster Management; also enlist some of national & international NGOs working for disaster management.
5. Write a detailed note on Disaster Management with examples.
6. Why are urban areas more prone to the effects of disasters? Explain in detail with examples. What solution do you propose for the same?

SECTION-C

7. Can the metrological disasters be prevented? If yes, how? And If No, what can be done? Explain reasons for major metrological disasters faced by the country.
8. Explain the disaster management cycle in detail with neat sketch.
9. What do you understand by Emergency, Emergency Management and Emergency Response System? Discuss the role of various emergency management systems during different phases of disaster with example.

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.