

Roll No.

Total Pages : 03

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B. Tech. EXAMINATION, 2021

Semester II (CBCS)

DISASTER MANAGEMENT AND
ENVIRONMENTAL SCIENCE

HS-103

Time : 2 Hours

Maximum Marks : 60

The candidates shall limit their answers precisely within 20 pages only (A4 size sheets/assignment sheets), no extra sheet allowed. The candidates should write only on one side of the page and the back side of the page should remain blank. Only blue ball pen is admissible.

Note : Attempt *Four* questions in all, selecting *one* question from any of the Sections A, B, C and D. Q. No. **9** is compulsory.

Section A

1. Give a detail view of natural disasters and relevance of their effective management. **15**

2. What is Disaster Management ? Give the detail of Indian national policy on disaster management. 15

Section B

3. What is the role of voluntary agencies and community participation in disaster management ? 15
4. Discuss the post disaster reliefs and logistics management in detail. 15

Section C

5. Describe the Dams are beneficial as well as problematic. 15
6. Explain the role of individual in conservation of natural resources for sustainable life styles. 15

Section D

7. What are the causes of climate change and which measures can be taken to deal it ? 15
8. Discuss the role of engineers in fulfilling national dream of energy efficiency and self dependency in the field of energy. 15

(Compulsory Question)

9. Write short notes on the following : 5×3=15
- (a) Landslides and their impacts.
 - (b) Nuclear hazards and management.
 - (c) Role of CO₂, Methane and water vapors in greenhouse effect.
 - (d) Define forestation, afforestation and deforestation.
 - (e) Green technology limits and scope.