

(3 Hours)

Total Marks: 80

Note:

1. Question No. 1 is compulsory.
2. Attempt any THREE out of the remaining FIVE questions.
3. Assume suitable data if necessary.

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| 1 | Answer the following (any 4) | (20) |
| | a) Explain the paradigm shift in Disaster Management in India. | 5 |
| | b) What are the important aspects of Mass Casualty Management? | 5 |
| | c) Explain types of Manmade disasters. | 5 |
| | d) What is Climate Change? What are the effects of Global Warming? | 5 |
| | e) Define the terms: Mitigation, Triage | 5 |
| 2 | a) Elaborate the guidelines laid down by NDMA for disaster management in India. | 10 |
| | b) What are different types of flood? Enlist structural mitigation measures for flood. | 10 |
| 3 | a) Explain role of various softwares in disaster management. | 10 |
| | b) Enlist and explain various terms and concepts with respect to earthquakes. | 10 |
| 4 | a) What is Community Base Disaster Management (CBDMD)? Discuss how it is useful in Indian scenario. | 10 |
| | b) Describe the provisions of National Policy on Disaster Management(NPDM) of 2009 | 10 |
| 5 | a) Describe the institutional mechanism setup in India. | 10 |
| | b) What is meant by technological disasters? Support your answer with case studies. | 10 |
| 6 | a) Discuss the role of GIS and Remote Sensing in disaster management. | 10 |
| | b) What are Do's and don'ts in Earthquake, Tsunami and Cyclone? | 10 |
