

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)**

**CLASS: BARCH
BRANCH: ARCHITECTURE**

**SEMESTER: VIII
SESSION : SP/2019**

SUBJECT : AR8307 DISASTER MANAGEMENT

TIME: 1.5 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 30.
 2. Candidates may attempt for all 30 marks.
 3. In those cases where the marks obtained exceed 25 marks, the excess will be ignored.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. The missing data, if any, may be assumed suitably.
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- Q1 (a) Define disaster. Discuss why disasters are considered as a fundamental reflection of normal life. [2]
(b) In context to disasters, discuss the terms coping capacity and resilience. Give suitable examples for the same. [3]
- Q2 (a) Vulnerability, in the context of disaster, is seen as the progression of three stages. Explain them. [2]
(b) Identify and discuss the indicators of vulnerability in the Indian context. [3]
- Q3 (a) Explain the terms physical and socio-economic vulnerability in association with disasters. [2]
(b) Discuss the necessary actions to be considered during the reconstruction and mitigation phases of Disaster management. Explain with the help of examples. [3]
- Q4 (a) Write a short note on the impacts of disasters. [2]
(b) Highlight upon the different relationships that exists between disasters and development. Explain with suitable examples. [3]
- Q5 (a) Write a brief note on United Nations mandate for disaster management. [2]
(b) Discuss the specific preparedness measures and post disaster needs for Floods. [3]
- Q6 (a) Write a short note on the Sendai Framework. [2]
(b) Highlight upon the role of the National Disaster Management Authority of India. [3]

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