

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

**CLASS: B.ARCH  
BRANCH: ARCHITECTURE**

**SEMESTER: VIII  
SESSION : SP/2020**

**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.
- 

- Q1 (a) Define the term disaster and identify its key elements. [2]  
(b) Citing suitable examples discuss the socio-political imperatives of disasters. [3]
- Q2 (a) Explain the term 'Risk' in context to disasters. [2]  
(b) Identify and discuss the indicators of vulnerability in the Indian context. [3]
- Q3 (a) Write a short note on the National Disaster Management Policy of India. [2]  
(b) Giving suitable examples, discuss the relationship that exists between disasters and development. [3]
- Q4 (a) Explain the terms physical and socio-economic vulnerability in association with disasters. [2]  
(b) Discuss the necessary actions to be considered during the preparedness and rehabilitation phases of Disaster management. Explain with the help of examples. [3]
- Q5 (a) Giving appropriate examples, discuss direct and indirect impacts of disasters. [2]  
(b) Identify and briefly highlight the features of the key stages of disaster management cycle in the case of rapid onset disasters. [3]
- Q6 (a) Discuss the specific role of UNDP and UNDRO during disaster situations. [2]  
(b) Discuss the specific preparedness measures and post disaster needs for Landslides. [3]

: : : : : 27/02/2020 : : : : : E