

BACHELOR OF ARCHITECTURE (B.Arch.)

Term-End Examination

00112

December, 2017

**BARE-076 : DISASTER MANAGEMENT
(ELECTIVE – 2)**

Time : 3 hours

Maximum Marks : 70

*Note : Attempt **five** questions in all. Question no. 1 is compulsory.*

1. Explain and differentiate between any **two** of the following : *2×7=14*
 - (a) Natural and Man-made disasters
 - (b) Heat waves and Urban heat islands
 - (c) Greenhouse effect and Stack effect
 - (d) Risks and Hazards

2. Explain in brief, the structural considerations adopted in buildings to make them resilient towards urban disasters. *14*

3. What do you understand by Urban Flooding ?
Elaborate the role of improving the city sanitation to overcome flooding. 14
 4. Explain in detail, the vision, objectives and duties specified under National Disaster Management Authority (NDMA) in India. 14
 5. What do you understand by Industrial Disasters ? Give details of any industrial disaster you are familiar with. 14
 6. Write a short essay on community participation in disaster management. Give the conceptual framework for a community based disaster management plan. 14
 7. Explain in detail the causes and impacts of landslides. How can highway engineering address this issue ? 14
-