

**BACHELOR OF ARCHITECTURE (B.Arch.)**

**Term-End Examination**

**December, 2015**

00071

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

*Time : 3 hours*

*Maximum Marks : 70*

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**Note :** *Attempt any five questions. All questions carry equal marks.*

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1. (a) Explain the recent global initiatives for disaster risk reduction with special reference to the outcome of the World Conference on Disaster Reduction at Kobe organized by UNISDR in 2005.  
(b) What are the essential considerations for emergency evacuation in schools ? 7+7=14
  
2. (a) Which areas fall in the zones IV and V according to the seismic map of India ? Explain the reasons for the same.

- (b) What are the main national organizations and institutions for disaster management in India ? What are their main roles and responsibilities ? 7+7=14
3. (a) Which regions in India are vulnerable to cyclones and why ?
- (b) Explain the difference in the characteristics of natural and human-induced disasters. 7+7=14
4. (a) What kind of impact can disasters have on the economy of an affected region ? Enumerate your response through examples.
- (b) What kind of mitigation measures can be undertaken to make the buildings safer against landslides ? 7+7=14
5. (a) How can we reduce the disaster vulnerability of cities through various urban planning measures ?
- (b) Explain the role of policy makers in disaster risk reduction in the Indian context. 7+7=14

6. (a) Explain the relationship between disasters and development. Illustrate your response through suitable examples.
- (b) Explain the various principles and techniques for making buildings cyclone resistant.  $7+7=14$
7. (a) What are the various reasons for chemical and industrial disasters? Give examples of prominent chemical and industrial disasters in India.
- (b) Explain the methodology for undertaking disaster risk assessment of buildings.  $7+7=14$
8. Write short notes on any **four** of the following :  $4 \times 3 \frac{1}{2} = 14$
- (a) Hazards
  - (b) Forest Fires
  - (c) Emergency
  - (d) Cyclone
  - (e) Tsunami
  - (f) National Institute of Disaster Management (NIDM)
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