

**BACHELOR OF ARCHITECTURE (BARCH)**

**Term-End Examination**

**December, 2013**

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

*Time : 3 hours*

*Maximum Marks : 70*

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

1. (a) What are the salient features of Hyogo 7  
framework for action that was endorsed  
during the world conference on Disaster  
Reduction in Kobe in 2005 ?
- (b) Describe various actions that can be 7  
undertaken as part of preparedness for an  
emergency in a public building.
2. (a) Describe some important planning and 7  
design considerations for reducing disaster  
risks in urban areas.
- (b) Briefly elaborate on the existing institutional 7  
system for disaster management in India.
3. (a) Which regions in India have been more 7  
vulnerable to earthquakes ? Discuss some  
possible reasons for differences in  
vulnerabilities.

- (b) Explain the cause of a Tsunami and its effects in a coastal area. Give a brief example of a recent tsunami disaster. 7
4. (a) What types of effect can disasters have on the economy of an affected region ? Enumerate your response through an example of a flood disaster. 7
- (b) What kinds of mitigation measures can be taken to make buildings safer against cyclones ? Discuss briefly. 7
5. (a) What do you understand by disaster vulnerability of cities ? Illustrate your answer with a suitable example. 7
- (b) Explain the role of policy makers in disaster risk reduction in Indian context. 7
6. (a) Explain various initiatives undertaken by various Non Government Organizations for reducing disaster risks in India. 7
- (b) Explain various principles and techniques for repair and retrofitting of existing buildings for reducing earthquake risks. 7
7. (a) Enlist various types of natural and human induced hazards. 7
- (b) Discuss the importance and salient features of community based disaster risk management plans. 7

8. Write short notes on *any four* of the following topics : **4x3½=14**

- (a) Rehabilitation of people after a disaster
  - (b) Drought
  - (c) Causes of industrial accidents
  - (d) Damages in buildings in earthquakes
  - (e) Risk Assessment
  - (f) Sustainable Development
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