

BACHELOR OF ARCHITECTURE

Term-End Examination

June, 2012

BARE-076 : DISASTER MANAGEMENT

Time : 3 hours

Maximum Marks : 70

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

1. (a) What are the five leading causes of accidents in a chemical industry ? 7+7=14
(b) Explain the objectives of emergency preparedness planning with key elements of on - site plan for a chemical industry.

2. (a) Enumerate the emergency management and describe the dynamic process of planning, preparation, responding, mitigation, recovery and review. 7+7=14
(b) Explain the term Disaster management and explain the role of state administration and industry.

3. (a) Analyse the conceptual framework of disaster management. Comment on the new culture of disaster management, that indicates a shift from emergency response to prevention. 7+7=14
- (b) Discuss the use of Geographical Information System in disaster preparedness.
4. (a) Bring - out the nature and significance of Information, education, communication and training in disaster situation. 7+7=14
- (b) Discuss the importance of community based disaster preparedness plan and highlight its components.
5. (a) The Central Government specialised agencies play a crucial role in disaster preparedness. Explain . 7+7=14
- (b) Discuss the various types of climate related disaster.
6. (a) Explain the causes and impacts of landslides. 7+7=14
- (b) Disaster preparedness is an effective way of lessening the impact of disaster' - Discuss the statement in the light of preparedness activities before, during and after a disaster.

7. (a) Describe the nature of floods and their geographic distribution in India. **7+7=14**

Discuss the adverse effects of Tsunami.

- (b) What do you mean by "Green House Effect" ? Describe the impacts of global warming on climate related disasters.

8. Write short notes on *any four* of the following :

- (a) Earthquake Hazards **4x3¹/₂=14**
- (b) Cyclone
- (c) Drought
- (d) Forest Fire
- (e) Disaster Risk Reduction
- (f) National Disaster Management Authority (NDMA).
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