

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm - SEMESTER-VII • EXAMINATION – WINTER 2017

Subject Code: 2270017

Date: 16-11-2017

Subject Name: Disaster Management

Time: 10:30 am to 01:30 pm

Total Marks: 80

Instructions:

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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|-------------|-----|---|-----------|
| Q.1 | (a) | Explain the principle of risk partnership. | 06 |
| | (b) | 'Landslide disaster management is receiving considerable attention in India.' Comment on this. | 05 |
| | (c) | Explain how the public awareness is helpful in risk reduction. | 05 |
| Q.2 | (a) | Discuss the various types of natural disasters and highlight the specific efforts to mitigate disasters in India. | 06 |
| | (b) | Discuss about the disaster information network. | 05 |
| | (c) | How will you plan for disaster management for a hilly area? | 05 |
| Q.3 | (a) | Describe a case study for a Cyclone disaster. | 06 |
| | (b) | What are the preparedness required for an atomic power station? | 05 |
| | (c) | Write a note on National Guidelines and Plans on Disaster Management. | 05 |
| Q.4 | (a) | Which areas are more prone to heat and cold waves in India? Discuss the preventive and preparedness measures that are mostly adopted for protection from heat and cold waves. | 06 |
| | (b) | Describe the risk sharing and its uses. | 05 |
| | (c) | Write a note on the impacts of global warming. | 05 |
| Q.5 | (a) | Differentiate disaster risk assessment and hazard assessment. | 06 |
| | (b) | Explain various community based disaster management. | 05 |
| | (c) | What is GIS and explain its techniques. | 05 |
| Q. 6 | (a) | Explain institution awareness and safety programmes. | 06 |
| | (b) | Describe NGO management and explain role of NGO in disaster risk reduction activities. | 05 |
| | (c) | Describe the decision support system recording disaster management. | 05 |
| Q.7 | (a) | Define disaster and discuss financial arrangements in India for managing disasters. | 06 |
| | (b) | What the cause for the Tsunami 2004 which inflicted heavy loss to life and property along the coast Tamilnadu? Specify its epicentre and magnitude. | 05 |
| | (c) | How will you plan for disaster management for a thermal power plant? | 05 |
