

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

B.PHARM – SEMESTER – VII • EXAMINATION – WINTER • 2015

Subject Code: 2270017

Date: 16-12-2015

Subject Name: Disaster Management

Time: 10.30 am - 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.

- Q.1** (a) Discuss the various types of natural disasters and highlight the specific efforts to mitigate disasters in India. **06**
(b) Explain how the public awareness is helpful in risk reduction. **05**
(c) Discuss about the disaster information network. **05**
- Q.2** (a) Explain various community based disaster management. **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**
- Q.3** (a) Describe a case study for a earth quake disaster. **06**
(b) What are the preparedness required for an atomic power station? **05**
(c) Describe the decision support system recording disaster management. **05**
- Q.4** (a) Explain the principle of risk partnership. **06**
(b) Describe the risk sharing and its uses. **05**
(c) Define disaster and discuss financial arrangements in India for managing disasters. **05**
- Q.5** (a) Describe cyclone Warning and Forecasting system. **06**
(b) 'Landslide disaster management is receiving considerable attention in India.' Comment on this. **05**
(c) Write a note on National Guidelines and Plans on Disaster Management. **05**
- Q.6** (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) Write a note on the impacts of global warming. **05**
(c) Differentiate disaster risk assessment and hazard assessment. **05**
- Q.7** (a) Explain institution awareness and safety programmes. **06**
(b) What is GIS and explains its techniques. **05**
(c) Describe NGO management and explain role of NGO in disaster risk reduction activities. **05**
