

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 |
