

Seat No.: _____

Enrolment

No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M. E. - SEMESTER – I • EXAMINATION – WINTER • 2014

Subject code: 711404N

Date: 06-12-2014

Subject Name: Disaster Management

Time: 10:30 am - 01:00 pm

Total Marks: 70

Instructions:

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

- Q.1** (a) What is disaster management? Briefly explain the essential parts of disaster management. **07**
- (b) Enlighten the key objectives of the India's National Policy on Disaster Management. **07**
- Q.2** (a) Briefly explain the objectives of Damage Assessment. **07**
- (b) Describe how volunteer organizations have assisted your country in the latest disaster. **07**
- OR**
- (b) Discuss the roles of government and non government organizations in disaster management **07**
- Q.3** (a) What are the steps required for creating public awareness regarding disaster management. **07**
- (b) Explain rescue operations involved in disaster management. **07**
- OR**
- Q.3** (a) Explain administrative set up and organizational structure for emergency disaster management. **07**
- (b) Explain the main signs and symptoms of the communicable diseases commonly found in disaster situation **07**
- Q.4** (a) Define flood. List out some of the causes and adverse effects of floods. **07**
- (b) Explain why the community-based approach needs to take into consideration the availability of resources. **07**
- OR**
- Q.4** (a) List out various natural calamities and discuss their effects to mankind. **07**
- (b) Explain causes and effects of landslide. **07**
- Q.5** (a) Explain concept of shelter strategy for emergency management. **07**
- (b) What is Tsunami? Identify the causes, consequences and impact of tsunami waves. **07**
- OR**
- Q.5** (a) Differentiate between the search, rescue and evacuation. **07**
- (b) What are the minimum requirements of standard emergency kit? Explain in detail. **07**
