

GUJARAT TECHNOLOGICAL UNIVERSITY**M. E. - SEMESTER – I • EXAMINATION – SUMMER • 2014****Subject code: 711404N****Date: 26-06-2014****Subject Name: Disaster Management****Time: 02:30 pm - 05:00 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) Define Disaster & explain its characteristics in detail. **07**
(b) List out various natural calamities and discuss their effects to mankind. **07**
- Q.2** (a) Discuss legal aspects involved in disaster management. **07**
(b) Briefly discuss the disaster management cycle with neat sketch. **07**
- OR**
- (b) What measures are taken globally to mitigate disasters? **07**
- Q.3** (a) Describe the administration and organizational set up to cope up with various disasters. **07**
(b) Explain classification of natural disaster in detail. Discuss the recent natural disaster in the country in brief. **07**
- OR**
- Q.3** (a) Discuss the emergency management system in detail. **07**
(b) What are the steps required for creating public awareness regarding disaster management? **07**
- Q.4** (a) What are the minimum requirements of standard emergency kit? Explain in detail. **07**
(b) Explain why the community-based approach needs to take into consideration the availability of resources. **07**
- OR**
- Q.4** (a) Write short note on casual management system. **07**
(b) Define flood. Discuss the worst effect of recent flood in the country. **07**
- Q.5** (a) How can food security be insured during disaster? **07**
(b) What are the steps required for creating public awareness regarding disaster management. **07**
- OR**
- Q.5** (a) Explain the basic needs of live stock during and after disaster. **07**
(b) What are the precautions to be taken to minimize loss of lives and property during natural disaster? **07**
