

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

M.E Sem-I Examination January 2010

Subject code: 711404

Date: 29 / 01 /2010

Subject Name: Disaster Management

Time: 12.00 – 2.30 pm

Total Marks: 60

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 **06**
(b) Distinguish between Disaster and Hazard **06**
- Q.2** (a) What are the causal factors of disaster? **06**
(b) Explain the effects of disaster. **06**
- OR**
- (b) What measures are taken globally to mitigate disasters? **06**
- Q.3** (a) Explain classification of man-made disaster **06**
(b) Explain classification of natural disaster **06**
- OR**
- Q.3** (a) Explain the concept of disaster management cycle **06**
(b) Describe the concept of disaster management **06**
- Q.4** (a) Describe the terms: search, rescue and evacuation **06**
(b) Explain three types of shelter strategies **06**
- OR**
- Q.4** (a) Explain basic needs of live stock during and after disaster **06**
(b) What are the direct and indirect health consequences of disaster on community? **06**
- Q.5** (a) Explain common health problems and injuries during disasters **06**
(b) Write Note on: Water Supply in disaster situation **06**
- OR**
- Q.5** (a) How can food security be ensured during disaster? **06**
(b) Write note on: Food Collection System during disaster **06**
