

GUJARAT TECHNOLOGICAL UNIVERSITY**M. E. - SEMESTER – I • EXAMINATION – WINTER • 2013****Subject code: 711404N****Date: 01-01-2014****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) Explain the term disaster with its significant characteristics **07**
(b) Discuss the terms Risk ,Hazard and Vulnerability. **07**
- Q.2** (a) Discuss the causes of flood. Explain various possible flood reduction measures **07**
(b) Describe the disaster management cycle in detail. **07**
- OR**
- (b) Discuss various manmade disasters alongwith their severities. **07**
- Q.3** (a) Describe the Emergency Management Systems and Early warning systems. **07**
(b) Discuss the terms response, recovery and prevention with reference to disaster. **07**
- OR**
- Q.3** (a) How the public awareness regarding disaster management can be achieved ? **07**
(b) Explain the pre disaster phase and post disaster phase . **07**
- Q.4** (a) What does Livestock during disaster mean? Enlist basic needs of live stocks during disaster. **07**
(b) Describe the disaster preparedness and strategy of disaster preparedness. **07**
- OR**
- Q.4** (a) Explain risk management and casualty management with reference to disaster. **07**
(b) Describe the administrative setup of National Disaster Management Framework. **07**
- Q.5** (a) Describe industrial accident as disaster with suitable example. **07**
(b) Differentiate between disaster management and disaster assessment with example. **07**
- OR**
- Q.5** (a) Discuss the roles of government and non government organizations in disaster management **07**
(b) How the damage due to disaster can be accessed ? **07**
