

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
ME - SEMESTER-2 (New) • EXAMINATION – WINTER 2015

Subject Code :2721412

Date: 14/12/ 2015

Subject Name: Disaster Management

Time: 02:30 PM To 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)** Discuss disaster management with reference to Flood as disaster. **07**
(b) NGOs can be proved as one of the essential component during disaster management. Justify this statement with suitable example. **07**
- Q.2 (a)** Discuss Preparedness and Disaster risk reduction for disaster management. **07**
(b) Enlist various advantages and disadvantages of community based approach for disaster management. **07**
- OR**
- (b)** Explain hazard identification and vulnerability analysis for disaster management. **07**
- Q.3 (a)** Discuss disaster management with reference to Flood as disaster. **07**
(b) Are you agree that development program of urban area can be affected by disaster? Justify your answer with suitable illustration **07**
- OR**
- Q.3 (a)** Discuss disaster management with reference to Earthquake as disaster. **07**
(b) Explain Response and recovery for disaster management. **07**
- Q.4 (a)** Discuss the role of GIS and Remote sensing techniques for Disaster management. **07**
(b) Explain various roles of national and local disaster manager. **07**
- OR**
- Q.4 (a)** Write short note on : **07**
(1) Volunteer assistance for disaster planning.
(2) Role of municipal authority for disaster management.
(b) Enlist and explain various safety considerations to overcome industrial disaster . Support your answer with suitable example. **07**
- Q.5 (a)** Write short notes on : **07**
(1) Community mitigation goals.
(2) Emergency operation plan.
(b) Differentiate with Emergency and Disaster with suitable example. **07**
- OR**
- Q.5 (a)** Discuss Pre disaster mitigation plan with suitable example of any disaster. **07**
(b) Prepare draft disaster management plan with probable considerations for developed urban area by assuming flood as disaster event. **07**
