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Seat No.:	Enrolment No.
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## **GUJARAT TECHNOLOGICAL UNIVERSITY**

ME - SEMESTER-2 (NEW)• EXAMINATION – SUMMER 2016

Subject Code: 2721412 Subject Name: Disaster Management			Date: 02/06/2016	
Tin	•	0.30 AM to 01.00 PM Total Marks: 70	)	
		Attempt all questions.  Make suitable assumptions wherever necessary.		
Q.1	(a)	Define the following terms: (1) Hazard (2) Emergency (3) Risk (4) Disaster management cycle (5) Vulnerability (6) Mitigation (7) Recovery	07	
	<b>(b)</b>	Describe disaster management cycle in detail.	07	
Q.2	(a) (b)	Explain various natural and manmade disasters in brief.  Discuss about community mitigation goals and pre disaster mitigation plan .  OR	07 07	
	<b>(b)</b>	Differentiate between an emergency and a disaster situation with suitable example.	07	
Q.3	(a) (b)	Describe disaster mitigation and various mitigation strategies.  Explain preparedness and various preparedness measures in brief.  OR	07 07	
Q.3	(a)	Explain various impacts of disaster on development programme with suitable example,	07	
	<b>(b)</b>	Write short notes on: (1) Volunteer Assistance (2) School based programmes	07	
Q.4	(a)	Describe the role of governmental and non-governmental organization in disaster management.	07	
	<b>(b)</b>	Discuss disaster management plan for flood as disaster.  OR	07	
Q.4	(a)	Write short notes on: (1) National and local disaster manager (2) Methods of dissemination	07	
	<b>(b)</b>	Discuss disaster management plan for Earthquake as disaster.	07	
Q.5	(a)	Explain about Emergency operational plan and structure of emergency operational plan.	07	
	<b>(b)</b>	Describe the role of geo informatics for disaster management and disaster assessment.	07	
0.5	(5)	OR  Describe about Disaster risk reduction and its messures which countries can	07	
Q.5	(a)	Describe about Disaster risk reduction and its measures which countries can adopt in planning and policies.	07	
	<b>(b)</b>	Discuss the significance of community based initiatives in disaster management	07	

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