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

ME - SEMESTER- II(New course) • EXAMINATION (Remedial) - WINTER- 2015

	•	Code: 2724804 Date: 10/12/20	15
Subject Name: Planning for Disaster Management Time: 2:30 pm to 5:00 pm Instructions: Total Marks		70	
	1. 2. 3.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	
Q.1	(a) (b)	Explain the relationship between urbanization and disastrous effects of hazards. Define: (1) Hazard, (2) Avalanche, (3) Vulnerability, (4) EOC, (5) CDMP, (6) Disaster, and (7) DRM.	07 07
Q.2	(a) (b)	Why disaster management is important? Explain on causes and effects of flash floods.  OR	07 07
	(b)	Explain the phenomenal occurrence types of earthquake.	07
Q.3	(a) (b)	What are the scope and objectives of disaster mitigation? Elaborate on õPreparedness planningö.  OR	07 07
Q.3	(a)	How emergency operation support and management is achieved? Explain with an example.	07
Q.4	(b) (a)	Prepare a note on types of vulnerability.  Enlist development planning tasks to be performed at pre-disaster and post-	07 07
	(b)	disaster stages. Explain on causes and effects of draughts.  OR	07
Q.4	(a)	Why resilience capacity building is important for an urban center? Explain a case of a city that has been building resilience towards hazards.	07
	<b>(b)</b>	Prepare a note on emergency shelter material types.	07
Q.5	(a) (b)	How reduction of vulnerability in low-cost housing is ensured? Explain. Explain the non-structural measures to strengthen buildings against ill-effects earthquake.	07 07
0.5	(-)	OR	0.7
Q.5	(a) (b)	Elaborate on reconstruction strategy post-disaster stage. Explain with a case example.  Mention important provisions of the GSDM Act.	07 07

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