Sea	ıt No.:	GUJARAT TECHNOLOGICAL UNIVERSITY M. E SEMESTER – II • EXAMINATION – WINTER • 2014	
	· ·	Name: Planning for Disaster Management	
Ti	me: (	02:30 pm - 05:00 pm Total Marks: 70	
Ins	tructi		
		. Attempt all questions Make suitable assumptions wherever necessary.	
		. Figures to the right indicate full marks.	
Q.1	(a)	Enlist the different types of disaster. Explain any two in detail.	07
	(b)	What is vulnerability analysis? Explain in detail.	07
Q.2	(a)	What is disaster management? Explain the need of disaster management in detail.	07
	<b>(b)</b>	Explain disaster management cycle in detail.	07
	<b>(1.)</b>	OR	0.7
	(b)	What are the strategies for flood prone areas?	07
Q.3	(a)	Describe the role of education in disaster reduction.	<b>07</b>
	<b>(b)</b>	Define the earthquake and mention its causes and effects.	07
		OR	
Q.3	(a) (b)	Elaborate on the earthquake of Gujarat in 2001 in context of disaster planning. Differentiate between disaster & hazard.	07 07
Q.4	(a)	Enumerate roles and responsibility of various agencies for disaster management.	07
	(b)	Describe the planning tasks for pre-disaster and post-disaster stages.  OR	07
Q.4	(a)	Enlist different components of shelter for emergency. Explain them in detail.	07
	<b>(b)</b>	Describe the emergency and temporary shelter design at post-disaster stage.	<b>07</b>
Q.5	(a)	Explain low cost housing and vulnerability.	07
	<b>(b)</b>	Define tsunami and mention its causes and effects.	<b>07</b>
		OR	
Q.5	(a)	Mention various criteria for planning of Emergency operation center.	07
<b>~.</b>	(b)	What is meant of SOP? Explain in detail.	07

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