GUJARAT TECHNOLOGICAL UNIVERSITY M. E SEMESTER – II • EXAMINATION – SUMMER • 2013			
Subject code: 1724804 Date: 03-06-20		code: 1724804 Date: 03-06-2013	
Subject Name: Planning for Disaster Management Time: 10.30 am – 01.00 pm Total Marks: 70 Instructions:			
		 Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks. 	
Q.1	(a) (b)	Elaborate the relationship among hazard, vulnerability and disaster. Enumerate and explain principles of disaster management.	07 07
Q.2	(a) (b)	Explain disaster potential in India in context of vulnerability. What are the suggestions and its impacts derived by UN through International Strategy for Disaster Risk Reduction (ISDR)? OR	07 07
	(b)	Write explanatory note on: role of ICT in disaster risk reduction.	07
Q.3	(a)	Enlist and explain various physical and temporal characteristics of hazard occurrence.	07
	(b)	Write detailed note on social, physical and economic vulnerability. OR	07
Q.3	(a) (b)	How vulnerability analysis is performed and incorporated in urban planning? Which are the methods of hazard assessment? Explain any two in detail.	07 07
Q.4	(a) (b)	What is the role of education in disaster management? How capacity building and capability of communities can be improved as a part of strategic planning?	07 07
Q.4	(a) (b)	OR What are the functions of State executive committee of SDMA? Explain in detail: City Disaster Management Plan (CDMP).	07 07
Q.5	(a) (b)	Write an elaborative note on command functions of ICS. Explain various components of shelter for emergency. OR	07 07
Q.5	(a) (b)	Explain the causes of a flood. Distinguish between natural and manmade flood. Write a detailed note on importance and procedure of micro-zonation in land use planning.	07 07
