Seat No.:	Enrolment No.

Subject Code: 2721412

## GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER-II • EXAMINATION – SUMMER - 2017

	•	Name: Disaster Management 2:30 PM To 05:00 PM Total Marks: 7	70
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IIISt	1. 2.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	
Q.1	(a)	How do you differentiate between emergency and a disaster? Support your answer with suitable example.	07
	<b>(b)</b>	Discuss about community based action plan and risk reduction measures with reference to disaster community	07
Q.2	(a) (b)	Draw a neat diagram and explain the disaster management cycle in detail.  Discuss about disaster and development plan. Also spot the developments which can either increase or decrease the vulnerability of the community.	07 07
		OR	
	<b>(b)</b>	Enlist and explain various manmade disasters. Support your answer with suitable example.	07
Q.3	(a) (b)	Enlist and explain various disaster response activities.  Justify the school's plan interact with the larger community emergency response plan. How will you evacuate students or get them to safety?	07 07
		OR	
Q.3	(a)	Discuss about pre disaster mitigation plan, personnel training and Volunteer assistance.	07
	<b>(b)</b>	Explain the role of disaster management plan for industrial accident. Support your answer with suitable example.	07
Q.4	(a)	Enlist various stack holders of effective community based approach and explain their roles in brief.	07
	<b>(b)</b>	Write short note on : (1) National disaster management framework (2) Contribution of NGO for disaster management	07
		OR	
Q.4	(a)	How GIS and Remote sensing can be helpful in disaster assessment and disaster management?	07
	<b>(b)</b>	Write short note on: (1) Ways of storing and safely handling hazardous materials (2) Methods of Dissemination of Information	07

Date: 31/05/2017

**Q.5** (a) Justify the statement, "Protection of life and treatment of person are reasons for evacuation." With suitable example. (b) Discuss about structural and non structural activities with reference to disaster mitigation. OR Discuss the role of media in disaster management. Also mention the positive Q.5 (a) and negative impact of media in this regard. (b) Fill in the blanks by selecting appropriate keywords from following list. Risk , Hazard, Vulnerability, EOP, Management Wizard plan , Remittance , Mitigation, Elimination, Relief, Recovery, Evacuation, Response, Threat, Warning (1) The return of buildings and infrastructure to a normal or improved state is known as (2) Advice given to somebody or persons to be careful of impending danger is known as (3) Removal from hazardous place to another that is safe is referred as (4) Sending of money to pay for resources or services to help people in need after a disaster is \_is the probability that loss will occur as the result of an adverse event, given the hazard and the vulnerability. (6) Reducing or minimizing an impact of a hazard or disaster is known as (7) \_\_\_\_\_ is prepared to set out the scope of activities required for community preparedness and response.

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