

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm - SEMESTER-7 • EXAMINATION – SUMMER - 2021

Subject Code: 2270017

Date: 09/08/2021

Subject Name: Disaster Management

Time: 10:30 AM to 01:30 PM

Total Marks: 80

Instructions:

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1	(a) Explain structural mitigation of disasters	06
	(b) What are the preventive measures for man made disaster?	05
	(c) Describe various phases of disaster management in detail	05
Q.2	(a) Explain the early warning system in case of flood	06
	(b) Write in brief about biological Disasters.	05
	(c) What is the role of education in risk reduction	05
Q.3	(a) Describe decision support system for disaster management	06
	(b) Classify different types of disasters	05
	(c) Write a note on disaster management cycle	05
Q.4	(a) Define the following terms: 1. Disaster 2. Hazard 3. Preparedness	06
	(b) Write recent trends in global disaster	05
	(c) Explain the community based disaster management techniques	05
Q.5	(a) Discuss the impacts of global warming	06
	(b) Write a brief note on post disaster role of government	05
	(c) Explain i) Types of remote sensing & ii) Data acquisition techniques	05
Q.6	(a) What are the harmful effects of floods? Write down the methods for controlling floods	06
	(b) Explain various types of seismic waves and their behaviors.	05
	(c) Discuss paradigm shift in disaster management in india	05
Q.7	(a) Explain national guidelines and plans for disaster management	06
	(b) Write a note on early warning disaster communication system	05
	(c) Explain the various types of seismic waves and their behaviors	05
