

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Ph. Sem -7 • EXAMINATION – WINTER - 2020

Subject Code: 2270017**Date: 16/01/2021****Subject Name: Disaster Management****Time: 10:30AM TO 12:30PM****Total Marks: 54****Instructions:**

1. Attempt any **THREE** questions from Q-1 to Q-6.
2. Q.7 is compulsory to attempt.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

| | | |
|-------------|--|-----------|
| Q.1 | (a) Differentiate between natural disasters and man made disasters | 06 |
| | (b) Explain the community based disaster management techniques | 05 |
| | (c) Explain relief and rehabilitation in disaster management | 05 |
| Q.2 | (a) Discuss the Disaster Management Act 2005 | 06 |
| | (b) Describe decision support system for disaster management. | 05 |
| | (c) Write about the role of GPS in management of disaster | 05 |
| Q.3 | (a) Explain national guidelines and plans for disaster management | 06 |
| | (b) Write in brief about biological Disasters. | 05 |
| | (c) Describe various phases of Disaster Management in detail. | 05 |
| Q.4 | (a) Define the following terms: 1. Disaster 2. Risk mapping 3. Preparedness | 06 |
| | (b) Describe role of non-governmental and inter-governmental agencies in disaster management | 05 |
| | (c) Describe pre disaster and post disaster management. | 05 |
| Q.5 | (a) Enumerate the technological disasters and explain any one | 06 |
| | (b) Give the classification of different types of Disasters | 05 |
| | (c) Discuss role of NGO in disaster risk reduction activities | 05 |
| Q. 6 | (a) Discuss paradigm shift in disaster management in india | 06 |
| | (b) Describe in brief about mega disasters of India | 05 |
| | (c) Write about recent trends in global disasters | 05 |
| Q.7 | (a) Give the application of science and technology for disaster management | 06 |
| | OR | |
| | (a) Explain various types of seismic waves and their behaviors. | 06 |
| | OR | |
| | (a) Write a brief note on urban disasters. | 06 |
