

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Pharm- SEMESTER- VII • EXAMINATION – WINTER -2021

Subject Code: 2270017**Date: 06/12/2021****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) | Differentiate between hazard and risk. Define hazard assessment. | 06 |
| | (b) | Explain various types of seismic waves and their behaviors. | 05 |
| | (c) | Define the terms: Disaster, Hazard, Vulnerability, Risk and Capacity | 05 |
| Q.2 | (a) | Enumerate the hydro meteorological disaster and explain any one. | 06 |
| | (b) | What are the preventive measures for man-made disasters? | 05 |
| | (c) | Write a note on National Guidelines and Plans on Disaster Management. | 05 |
| Q.3 | (a) | Explain Disaster Communication System. | 06 |
| | (b) | Describe a case study for a tsunami disaster. | 05 |
| | (c) | Give the application of science and technology for disaster management. | 05 |
| Q.4 | (a) | Explain relief and rehabilitation in disaster management. | 06 |
| | (b) | Describe a case study for a nuclear disaster. | 05 |
| | (c) | Describe awareness during disaster. | 05 |
| Q.5 | (a) | Write in brief Disaster Management Cycle. | 06 |
| | (b) | Write a note on preparedness required for an atomic power station. | 05 |
| | (c) | Discuss role of NGO in disaster risk reduction activities. | 05 |
| Q. 6 | (a) | Write a brief note on post disaster role of government. | 06 |
| | (b) | Explain the working of various instrumentations used to measure earthquake. | 05 |
| | (c) | What is paradigm shift in disaster management? | 05 |
| Q.7 | (a) | Discuss the various types of natural disasters and highlight the specific efforts to mitigate disasters in India. | 06 |
| | (b) | What is GPS and explains its techniques. | 05 |
| | (c) | Write a note on the impacts of global warming. | 05 |
