

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY**B.PHARM SEMESTER-VII- EXAMINATION – WINTER 2019****Subject code: 2270017****Date: 28/11 /2019****Subject Name: Disaster Management****Time: 10:30AM TO 01:30PM****Total Marks: 80****Instructions:**

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

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|-------------|---|-----------|
| Q.1 | (a) Explain the concept of disaster and its management. | 06 |
| | (b) Define: Disaster, Hazard, Vulnerability, Risk and Capacity. | 05 |
| | (c) What are the emerging risks of disaster? | 05 |
| Q.2 | (a) Explain geological disaster with suitable example. | 06 |
| | (b) Write recent trends on global disaster. | 05 |
| | (c) Describe radiological and nuclear disaster in brief. | 05 |
| Q.3 | (a) Write a note on biological disaster with suitable example. | 06 |
| | (b) What are the preventive measures for man-made disaster? | 05 |
| | (c) Discuss role of NGO in disaster management. | 05 |
| Q.4 | (a) Write a note on disaster management cycle. | 06 |
| | (b) Describe pre disaster and post disaster management. | 05 |
| | (c) Explain early warning system in case of flood. | 05 |
| Q.5 | (a) Explain relief and rehabilitation in disaster management. | 06 |
| | (b) Write a role of government in disaster management. | 05 |
| | (c) Explain awareness and rescue during disaster. | 05 |
| Q. 6 | (a) Write a note on national guidelines and plans on disaster management. | 06 |
| | (b) Discuss funding mechanisms for disaster management in India. | 05 |
| | (c) Explain mega disasters in India. | 05 |
| Q. 7 | (a) Explain disaster communication system. | 06 |
| | (b) Write a note on GPS. | 05 |
| | (c) Describe decision support system for disaster management. | 05 |
