

Roll No.

Total Pages : 2

CMDQ/D-23

5222

**GEOHAZARDS AND DISASTERS
MANAGEMENT**

Paper–GT–904

Time Allowed : 3 Hours]

[Maximum Marks : 100

Note : Attempt **five** questions in all, selecting **one** question from each Unit. Question No. **1** is compulsory. All questions carry equal marks.

Compulsory Question

1. Write short notes on the following :

- (a) What is Disaster?
- (b) Earthquake Intensity scale.
- (c) Vulnerability analysis for floods.
- (d) Impacts of Droughts on society.

UNIT–I

- 2. Discuss the basic principles and elements of disaster mitigation and management.
- 3. Write an explanatory note on “Natural Disasters”.

UNIT–II

- 4. What are the causes of Landslides? Discuss in detail.

- 5. Write a detailed note on “Seismic activity in India”.

UNIT–III

- 6. What are the causes of Tsunamis? And also discuss about its mitigations.
- 7. Explain about the Risk Assessment for floods.

UNIT–IV

- 8. Describe the different types of Droughts. Also correlate the types in context of India.
- 9. Write an explanatory note on “Mitigation of Droughts”.