

Roll No. ....

Total Pages : 2

**CMDQ/M-24**

**5567**

## **GEOMORPHOLOGY**

Paper–GT–401

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) Endogenous processes.
- (b) Yardangs.
- (c) Longshore and Rip currents.
- (d) Fluvial terraces.

### **UNIT-I**

- 2. What is mass wasting? Discuss the classification of Mass wasting.
- 3. Write notes on the following :
  - (a) Relationship between climate and geomorphology.
  - (b) Soils profile.

### **UNIT-II**

- 4. Discuss the depositional features of Streams.
- 5. Write brief on the following :
  - (a) Processes of Wind transportation.
  - (b) Erosional Landforms of Wind.

### **UNIT-III**

- 6. What are Glaciers? Discuss the depositional landforms of Glaciers.
- 7. Write brief notes on the following :
  - (a) Erosional landforms of the Ocean.
  - (b) Littoral zone.

### **UNIT-IV**

- 8. Give an overview of Tectonic Geomorphology?
- 9. Write brief on the following :
  - (a) Geomorphic features of India.
  - (b) Geomorphology and its application to Geohydrology.