

Roll No.

Total Pages : 2

GSE/M-20

1471

GEOGRAPHY
(Physical Geography-I)
Paper-103

Time : Three Hours]

[Maximum Marks : 75

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

Compulsory Question

- 1.** Write short notes (not more than 50 words for each) on the following:
- (a) Geomorphology.
 - (b) Cenozoic age.
 - (c) Longitudinal waves.
 - (d) Gravity anomaly.
 - (e) Volcanic sinks.
 - (f) Freeze-thaw action.
 - (g) Chelation.
 - (h) Middle moraine.
 - (i) Dalmatian.
 - (j) Beach drift.

UNIT-I

2. All the branches of physical geography have an interface with natural sciences. Comment critically.
3. Examine critically the views which have been advanced to explain the constitution of the earth's interior.

UNIT-II

4. Write a detailed account of the theory of isostasy.
5. Discuss various mechanisms and causes of volcanic eruptions.

UNIT-III

6. Explain the role of heat, moisture and lithology in the weathering process.
7. Describe the properties of debris flows. Under what climatic and topographic conditions do debris flows occur?

UNIT-IV

8. Give an account of the work of waves as an agent of gradation.
 9. Explain with sketches and diagrams the geomorphology of karst region.
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