

D 32359

(Pages : 2)

Name.....

Reg. No.....

**FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022**

Geography

GRY 1B 01—FUNDAMENTALS OF GEOMORPHOLOGY

(2019—2022 Admissions)

Time : Two Hours

Maximum : 60 Marks

I. Answer *all* questions in not more than 50 words :

- 1 Epeirogenetic movements.
- 2 Pleistocene climate.
- 3 Paleomagnetism.
- 4 Guttenburg discontinuity.
- 5 Constructive plate margins.
- 6 Vulcanian type of volcano.
- 7 Dome mountains.
- 8 Lithogenesis.
- 9 Law of floatation.
- 10 Tectonic earthquakes.

(10 × 2 = 20 marks)

II. Answer any *six* questions from the following in not more than 150 words :

- 11 Write a short note on the types of folds.
- 12 Evaluate the Tetrahedral hypothesis of Lowthian Green.
- 13 What is plate tectonic theory ? Explain the types of plate margins.
- 14 Give a detailed account of the topography produced by vulcanicity.

Turn over

- 15 Classify mountains based on the mode of origin ?
- 16 Evaluate the meaning, concept, and characteristics of geosynclines ?
- 17 Discuss the concept of isostasy by Sir George Airy ?
- 18 Enumerate the causes of earthquakes ?

(6 × 5 = 30 marks)

III. Write essay on any *one* of the following in about 400 words :

- 19 Discuss the tidal hypothesis of James Jeans in the origin of the earth and the evidence in support of the hypothesis.
- 20 Explain the structure and interior of the earth.

(1 × 10 = 10 marks)