

15041

M.Sc. DEGREE EXAMINATION, OCTOBER/NOVEMBER 2019.

FIRST SEMESTER

Geology

Paper I — GEOMORPHOLOGY AND ATMOSPHERIC SCIENCE

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A — (5 × 3 = 15 marks)

Answer any FIVE questions.

Each question carries 3 marks.

Each answer should not exceed 1 page.

1. Scope of geomorphology:
2. Nature and origin of volcanoes.
3. Significance of circum pacific belt.
4. Glacial valleys.
5. Various types of drainage systems.
6. Geological action of land forms of rivers.
7. Cyclones and anticyclones.
8. Acid rains.

PART B — (4 × 15 = 60 marks)

Answer ALL questions.

Each question carries 15 marks.

Each answer should not exceed 6 pages.

9. Describes the causes occurrence and effects of earthquakes.

Or

10. Write an essay on the Interior of the earth.
11. Write an essay on geomorphic agents of wind.

Or

12. Give an account of land forms developed by glacial action.

13. Write an essay on morphometric analysis.

Or

14. Briefly explain the various types of drainage patterns with neat sketches.

15. Briefly explain the temperate regions of the world.

Or

16. Write an essay on economic importance of weather in agriculture and industry.

