

S.No. 8453

16 SNMEGL 1

(For candidates admitted from 2016–2017 onwards)

U.G. DEGREE EXAMINATION, NOVEMBER 2022.

Part IV – Geology — Non Major Elective

FUNDAMENTALS OF GEOLOGY

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. Define mineralogy.
2. Define paleontology.
3. What is a focus of an earthquake?
4. Define Tsunami wave.
5. Define pangea.
6. What is meant by a lithosphere?
7. Define chemical weathering.
8. What is meant by inosphere?

9. Define a meanders.

10. Define spring.

PART B — ($5 \times 5 = 25$)

Answer ALL questions, choosing either (a) or (b).

11. (a) Describe the importance of Geomorphology.

Or

(b) Describe the significance of tidal hypothesis.

12. (a) Explain the types of seismic waves.

Or

(b) Distinguish the seismogram and seismograph.

13. (a) Write notes on mass movements.

Or

(b) Give a short account on atmosphere.

14. (a) Describe the depositional products of Wind.

Or

(b) Explain the gondwana land with evidences.

15. (a) Give a short account of geological work of Glaciers.

Or

(b) Give a short account of geological work of ocean.

PART C — ($3 \times 10 = 30$)

Answer any THREE questions.

16. Explain the interior of the Earth.

17. Discuss about the volcanoes.

18. Write detailed notes on the plate tectonics.

19. Explain the various processes of weathering.

20. Describe the geological work of underground water.