

S.No. 5431

16 SCCGL 3

(For candidates admitted from 2016-2017 onwards)

B.Sc. DEGREE EXAMINATION, APRIL 2022.

Part III — Geology — Major

PHYSICAL GEOLOGY

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20)

Answer ALL questions.

1. What is weathering?
2. What are the different zones present in atmosphere?
3. Write about valley and hill.
4. What are deltas?
5. Define about Karst topography.
6. What is an artesian well?
7. Define about Ice Age.
8. What is known as Quaternary periods?

9. What are coral reefs?

10. Difference between continental shelf and continental slope.

SECTION B — (5 × 5 = 25)

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

11. (a) Write the whole process which comes under physical, chemical and biological weathering.

Or

(b) How sand dunes are formed and there types?

12. (a) What are the different types of drainage patterns?

Or

(b) Describe about stream rejuvenation.

13. (a) Describe the artesian belts of Tamilnadu.

Or

(b) What are the major characteristic features of a Karst region?

14. (a) What are lacustrine deposits?

Or

(b) Write notes on types of lakes.

15. (a) How many types of tides are there, explain.

Or

(b) What is called as ocean natural resources?

SECTION C — (3 × 10 = 30)

Answer any THREE questions.

16. How deserts are formed and its characteristics features?

17. Write in detail about the geological work of ground water and surface water.

18. How stalactite and stalagmites are formed?

19. Elucidate about the geological work of glaciers.

20. Explain in detail about the geological work of sea.