



24019301

QP CODE: 24019301

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, MAY 2024**

Second Semester

Core Course - GL2CRT02 - GEOMORPHOLOGY

(Common for B.Sc Geology Model I, B.Sc Geology and Water Management Model III)

2017 ADMISSION ONWARDS

125D3AA8

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Write five agents of weathering.
2. Define exfoliation.
3. Define Peneplain.
4. Define Drainage basin.
5. Parallel drainage pattern is seen in-----.
6. Define aquiclude.
7. Distinguish between caves and caverns.
8. Define dripstones.
9. Name the processes of diurnal sea level variation affected in coastal area.
10. What is mid-oceanic ridge system?
11. What is active layer of permafrost?
12. Landforms created by wind deflation are called

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. What are the causes and preventive measures of mass wasting?
14. Differentiate rotational slide and transitional slide.
15. Give an account on the controlling factors of stream erosion, transportation and deposition.
16. Discuss the sediment transport mechanisms of streams.
17. Describe about the formation of stalagmite and stalactite.
18. Describe the reasons for surface salinity variation of sea water in various locations on the earth.
19. What are the major processes involved in coastal straightening?
20. Explain crag, tails, kames and kettles.
21. Describe the effects of global warming.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Elucidate the stage of soil formation and explain the soil profile.
23. Discuss how the maturity of stream influence the evolution of fluvial land forms.
24. What are the general features of a coast ? Add a note on classification of coasts.
25. Write an essay on erosional process of wind. Add a note on erosional landforms.

(2×10=20)

