

25U278S

(Pages: 2)

Name :

Reg. No :

SECOND SEMESTER UG DEGREE EXAMINATION, APRIL 2026

(FYUGP)

CC24UGEL2MN100 - PROCESSES AT THE EARTH'S SURFACE

(Geology - Minor Course)

(2024 Admission - Supplementary/Improvement)

Time: 2.0 Hours

Maximum: 70 Marks

Credit: 4

Part A (Short answer questions)

Answer *all* questions. Each question carries 3 marks.

1. Basin divide. [Level:1] [CO3]
2. Explain debris flow. [Level:2] [CO2]
3. Arcuate Delta. [Level:1] [CO3]
4. Permeability. [Level:1] [CO4]
5. Speleothems. [Level:1] [CO4]
6. Describe the formation of crevasses. [Level:2] [CO5]
7. Discuss the development of yardangs. [Level:2] [CO5]
8. Explain about different types of Currents. [Level:2] [CO6]
9. Discuss factors affecting ocean circulation. [Level:2] [CO6]
10. Discuss the formation of seamounts. [Level:2] [CO6]

(Ceiling: 24 Marks)

Part B (Paragraph questions/Problem)

Answer *all* questions. Each question carries 6 marks.

11. Explain the monitoring of active landslides. [Level:2] [CO2]
12. Explain the processes involved in the formation of glacial deposits and describe how they vary depending on the depositional environment. [Level:2] [CO5]
13. Explain rock slide and debris avalanches. [Level:2] [CO2]
14. Explain base level changes on river systems. [Level:2] [CO3]

15. Discuss different types of aquifers. [Level:2] [CO4]
16. Define deserts and list the major types of deserts. [Level:1] [CO5]
17. Discuss the relationship between wind processes and the development of desert landscapes. [Level:2] [CO5]
18. Discuss the shoreline features. [Level:2] [CO6]

(Ceiling: 36 Marks)

Part C (Essay questions)

Answer any ***one*** question. The question carries 10 marks.

19. Describe geysers and how it works and explain geyser deposits. [Level:2] [CO4]
20. Discuss the shoreline processes. [Level:2] [CO6]

(1 × 10 = 10 Marks)
