

24U224

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Name :

Reg. No :

SECOND SEMESTER UG DEGREE EXAMINATION, APRIL 2025

(FYUGP)

CC24UGEL2MN100 - PROCESSES AT THE EARTH'S SURFACE

(Geology - Minor Course)

(2024 Admission - Regular)

Time: 2.0 Hours

Maximum: 70 Marks

Credit: 4

Part A (Short answer questions)

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

1. Rotational Slide. [Level:1] [CO2]
2. Base level. [Level:1] [CO3]
3. Arcuate Delta. [Level:1] [CO3]
4. Explain ulvas. [Level:2] [CO4]
5. Explain aquiclude. [Level:2] [CO4]
6. Discuss different types of Glaciers. [Level:2] [CO5]
7. Describe different types of glacial deposits. [Level:2] [CO5]
8. Describe different types of beaches. [Level:2] [CO6]
9. Compare abyssal plains and mid-ocean ridges. [Level:2] [CO6]
10. Compare constructive and destructive waves. [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. Discuss active and passive continental margins, analyzing their geological significance. [Level:2] [CO6]
13. Explain the different zones of river system. [Level:2] [CO3]
14. Explain the formation of oxbow lake with suitable diagram. [Level:2] [CO3]
15. Vertical distribution of ground water. [Level:1] [CO4]

16. Explain the processes involved in the transportation influencing the formation of deserts. [Level:1] [CO5]
17. Discuss the geological activity of glaciers. [Level:2] [CO5]
18. Discuss the impact of ocean distribution on global weather patterns and climate zones. [Level:2] [CO6]

(Ceiling: 36 Marks)

Part C (Essay questions)

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

19. Explain the role of mass movement for the development of landscape. [Level:2] [CO1]
20. Discuss the sequence of landform development in glaciated valleys. [Level:2] [CO5]

(1 × 10 = 10 Marks)
