

24P118

(Pages: 2)

Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2024

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P ESC1 C02 - PHYSICAL PROCESSES IN THE ENVIRONMENT

(Environmental Science)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

Answer any *four* questions. Each question carries 2 weightage.

1. Define planetary motion
2. Define the stable atmospheric equilibrium
3. Define maritime climates
4. Define El Nino
5. Explain Gaia hypothesis
6. Explain the properties of earth mantle
7. Explain stream flow

(4 × 2 = 8 Weightage)

Part-B

Answer any *four* questions. Each question carries 3 weightage.

8. Explain thermohaline conveyor belt.
9. Explain diurnal variations and their significance.
10. Discuss the different steps of cloud formation.
11. Explain the role of climate for the ecological processes.
12. Explain the concepts of continental drift.
13. Explain the different types of rocks.
14. Explain the different steps of hydrological cycle.

(4 × 3 = 12 Weightage)

Part-C

Answer any *two* questions. Each question carries 5 weightage.

15. Briefly explain the ocean circulations and its importance in environment.
16. Explain the thermodynamics system of atmosphere.

17. Explain various systems and their interactions in brief.

18. What are the measures taken to protect ground water in Kerala explain different methods of conservation?

(2 × 5 = 10 Weightage)
