

21P118

(Pages: 2)

Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2021

(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. What is meant by sinking of ocean water?
2. Explain the composition of dry air.
3. Define climate.
4. Explain continental climates.
5. Explain the properties of earth crust.
6. Define metamorphic rock.
7. Explain stream hydrograph.

(4 × 2 = 8 Weightage)

Part-B

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

8. What are the consequences of Green house effect.
9. Explain the role of atmospheric process in pollutant dispersion.
10. Discuss the different factor that contribute to the formation of clouds.
11. Discuss the ENSO events.
12. Explain the different theories related to the origin of Earth.
13. Explain Atmosphere and its different components.
14. Comment on the different methods for ground water.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain the reasons, consequences and mitigation strategies for green house effect.
16. Explain the role of atmosphere in pollution dispersion.
17. Explain briefly plate tectonics and continental drift.
18. Explain hydrological cycle with neat diagram.

(2 × 5 = 10 Weightage)
