

23P353

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Name:

Reg.No:

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2024

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P GEL3 E01A - CLIMATOLOGY

(Applied Geology)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

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

1. Explain Standard Time.
2. Define Atmospheric stability.
3. Explain polar front jet streams.
4. Describe Relative Humidity.
5. Define Mist.
6. Define Tornadoes.
7. Describe structure of tropical cyclone.

(4 × 2 = 8 Weightage)

Part-B

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

8. Discuss Rotation Revolution and Obliquity.
9. Explain pressure belts of Earth.
10. Explain normal condition and temperature inversion.
11. Describe the process of frontogenesis and frontolysis.
12. Explain Mid level clouds.
13. Explain different types of smog.
14. Explain cyclones of Bay of Bengal.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain the temperature distribution on Earth insolation.
16. Explain Koppen's classification.

17. Explain Coriolis force and other forces affecting wind.
18. Discuss the formation and structure of temperate cyclones.

(2 × 5 = 10 Weightage)
