

18P363

(Pages: 2)

Name.....

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2019

(Regular/Supplementary/Improvement)

(CUCSS-PG)

CC15P GEL3 E02 - CLIMATOLOGY

(Applied Geology)

(2016 Admission onwards)

Time: Three Hours

Maximum: 36 Weightage

I. Answer *all* questions. Each question carries 1 weightage.

1. Lapse rate.
2. Aerosols.
3. Solar radiation.
4. Types of equinox.
5. Gulf stream.
6. El-Nino.
7. North East Monsoon.
8. Trade winds.
9. Solstice.
10. Planetary waves.
11. Atmospheric circulation.
12. Insolation.
13. Lightning.
14. Isotherms.

(14 x 1 = 14 Weightage)

II. Answer any *seven* questions. Each question carries 2 weightage

15. Composition of the atmosphere.
16. Discuss about clouds.
17. ENSO
18. Koppen's classification of climate.
19. Types of precipitation.
20. Sea Level changes.
21. Temperate climate zones.
22. Classification of thunderstorms.
23. Heat budget.
24. Climate change.

(7 x 2 = 14 Weightage)

III. Answer any *two* questions. Each question carries 4 weightage.

25. Write an essay on Global warming, its causes and major consequences.

Or

26. Describe on the layered structure of the atmosphere.

27. Write an essay on Indian monsoon system.

Or

28. Discuss about the general weather systems of India.

(2 x 4 = 8 Weightage)
