

16P117

(Pages:1)

Name:

Reg. No.....

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2016

(Regular/Supplementary/Improvement)

(CUCSS-PG)

CC15P ES1 C01 – PHYSICAL PROCESSES IN THE ENVIRONMENT

(Environmental Science)

(2015 Admission Onwards)

Time: Three Hours

Maximum: 36 Weightage

I Answer all questions.

1. Atmospheric stability.
2. Divergence.
3. Thermohaline conveyor belt.
4. Absorption and reflection.
5. Coriolis effect.
6. Stratosphere.
7. Virtual temperature.
8. Aquifer.
9. Droplet growth.
10. Weather and Climate.
11. Hydrolysis.
12. Specific yield and specific retention.
13. Hydrograph.
14. El Nino.

(14 x 1 = 14 weightage)

II Answer any seven of the following.

15. Discuss the causes of ocean currents.
16. Describe the structure of atmosphere.
17. Explain planetary motions.
18. Differentiate isothermal and adiabatic processes.
19. Explain geological time scales.
20. Describe the structure of the earth with a neat diagram.
21. Explain different types of clouds.
22. Write a note on curvature effect and solute effect.
23. Explain rock cycle.
24. Give an account of plate tectonics.

(7 x 2 = 14 weightage)

III. Answer any two of the following.

25. Discuss ground water exploitation and its management.
26. Explain greenhouse effect and its impact on environment.
27. Briefly describe different types of rocks.
28. Give an account of solar radiation and its distribution.

(2 x 4 = 8 weightage)
