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Name.....

Reg. No.....

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2019

(CUCSS - PG)

(Applied Geology)

CC15P GEL4 E03 – ENVIRONMENTAL GEOLOGY

(Regular/Improvement/Supplementary)

(2015 Admission onwards)

Time: Three Hours

Maximum: 36 Weightage

Part A

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

1. Coastal environments.
2. Soil formation.
3. COD
4. Agricultural drainage.
5. Debris fall.
6. Man and environment.
7. Detoxification.
8. Ecosystem.
9. Tsunami.
10. Ozone layer.
11. Seismic waves.
12. Point source pollution.
13. Renewable resources.
14. Saline water intrusion.

(14 x 1= 14 Weightage)

Part B

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

15. Causes of marine pollution.
16. Solid waste management.
17. Environment Impact Assessment (EIA).
18. Health hazards due to ground water pollution.
19. Impact of mining on environment.
20. Environmental hotspots.
21. Consequence of nuclear implosion.

- 22. Geological parameters on near shore and free shore ecosystems.
- 23. Air pollution and its consequences.
- 24. Physical environment of the Earth.

(7 x 2 = 14 Weightage)

Part C

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

- 25. Describe the concept of sustainable development. Add a note on the role of a citizen in the utilization, conservation and preservation of natural resources.

Or

- 26. Give an account of the controlling measures of ground water pollution.

- 27. Describe natural hazards and its environmental consequences. Add a note on the disaster management principles.

Or

- 28. Describe soil conservation and land use planning.

(2 x 4 = 8 Weightage)
