

16P247

(Pages: 2)

Name.....

Reg. No.....

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, MAY-2017

(Regular/Supplementary/Improvement)

(CUCSS - PG)

CC 15P GEL2 C06 - APPLIED GEOLOGY AND MARINE GEOLOGY

(Applied Geology)

(2015 Admission Onwards)

Time: Three Hours

Maximum: 36 Weightage

I Short Answer Type Questions. Answer *all* questions

1. Flotation.
2. Tabling.
3. Aggregates.
4. Pressure tunnels.
- OR
5. Gravity dam.
6. Triggering of landslide.
7. Continental slope.
- OR
8. Dimension stones.
9. Oceanic trenches.
10. Abyssal plain.
11. Temperature distributions in sea water.
12. Head lands.
13. Tombolo.
14. Salinity of sea water.

(14 x 1 = 14 weightage)

II Short Essay Type questions. Answer any *seven* questions

15. Exploration for oil.
16. Magnetic and electrostatic separation.
17. Types of landslides.

18. Aseismic design of buildings.

19. Classification of coast.

20. Coastal Regulatory Zone (CRZ)

21. Distribution and classification of marine sediments.

22. Coastal protection structures.

23. Mid-oceanic ridges.

24. Chemical properties of sea water.

(7 x 2 = 14 weightage)

III Long essay type questions. Answer any *two* questions

25. Describe briefly various mining methods.

OR

26. Explain the geological considerations in the construction of a dam.

27. Describe the different types of waves, currents and tides.

OR

28. Discuss the origin of ocean basin in relation to plate tectonics.

(2 x 4 = 8 weightage)
