

15P247

(Pages: 2)

Name.....

Reg. No.....

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JULY 2016

(CUCSS - PG)

(Applied Geology)

CC 15P GEL2 C06 - APPLIED GEOLOGY AND MARINE GEOLOGY

(2015 Admission)

Time: Three Hours

Maximum: 36 Weightage

I Short Answer Type Questions. Answer *all* questions

1. Creep
2. Beach placers
3. Magnetic separation
4. Heel of a dam
5. Angle of repose
6. Aggregates
7. Avalanche
8. Dissolved gases in sea water
9. Coastal Regulatory Zone
10. Long shore current
11. Coastline of emergence
12. Beach
13. Littoral drift
14. Breaking of waves

(14 x 1 = 14 weightage)

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

15. Types of Dam
16. Different mining methods

17. Engineering properties of rocks
18. Landslide prevention measures
19. Chemical properties of sea water
20. Challenger expeditions
21. Continental margins
22. Origin of ocean basin in relation to plate tectonics
23. Classification and distribution of marine sediments.
24. Fundamentals of ore dressing

(7 x 2 = 14 weightage)

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

25. Explain the various methods of petroleum exploration.

OR

26. Describe the role of geology in the construction of tunnels.
27. Describe coastal erosion and its causes. Add a note on the coastal protection structures.

OR

28. Briefly describe the sea bottom topography.

(2 x 4 = 8 weightage)
