

B.A. (Honours) Semester-I Examination, 2014

Geography

Paper - II

(Oceanography)

Time: 3 Hours

Full Marks: 40

Questions are of value as indicated in the margin.

Answer *any one* question from each unit.

Unit - I

(Origin and Physical Characteristics of Oceans)

1. Is the Ocean floor topography permanent in nature? Give your justification. 14
2. Distinguish between continental shelf and continental slope in respect to geometry and depth. Give an explanation for the formation of mid-oceanic ridges in the light of plate tectonics. 6+8=14

Unit - II

(Ocean Deposits and Hydrology)

3. Differentiate waves, tides and currents. Comment on the pattern of Ocean Currents found in the Indian Ocean. 6+7=13
4. Attempt a broad classification of the Ocean deposits. 13

Unit - III

(Ocean Environment and Dynamics)

5. Explain the determining factors of oceanic temperature. Give a vertical distribution of the oceanic temperature with reference to thermal layers. 6+7=13
 6. What is the mechanism of sea level change? Evaluate the factors affecting the sea level change. 6+7=13
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