

**M.Sc. Marine Science**  
**Semester – I Examination – Dec-2016**  
**Paper-2: Oceanography** **Subject code: 2799**

Time: 2.30 hrs

Max. Marks 70

- Q1 Describe in brief: 14  
A. The method of formation of water masses.  
B. The factors influencing sea water temperature.  
Or  
Give a detail account on light in the ocean. 14
- Q2 Write short notes on: 14  
A. Factors affecting ocean circulation.  
B. North Atlantic Gyre.  
Or  
Write a descriptive note on wave anatomy and their types? 14
- Q3 Explain the distribution of Dissolved Organic Matter and 14  
Particulate Organic Matters in sea.  
Or  
What are Minor Constituents of seawater? Describe in detail. 14
- Q4 What is Plate Tectonics? Write an essay on it. 14  
Or  
What is abyssal floor? Write a descriptive note on it. 14
- Q5 Write notes on: 14  
A. Turbidity and Total Solids of Estuarine Ecosystem.  
B. Source and effect of toxic pesticides in Estuarine Ecosystem.  
Or  
Write a detailed account on Nutrients in Estuarine Ecosystem.

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