

**M.Sc. Marine Science**  
**Semester – I Examination      November 2016**  
**Paper-3: Marine living resources and Biodiversity      Subject code: 2800**

Time: 2.30 hrs

Max. Marks 70

- Q1    Describe in brief: 14  
        A. Biodiversity, biotechnology and IPR.  
        B. Biodiversity of mangrove forest.
- Or
- Explain In-situ conservation methods for conservation 14  
        biodiversity, with appropriate example.
- Q2    Give the detail classification of marine reptiles. 14
- Or
- Describe the characters of intertidal muddy shore and explain 14  
        about the fauna of that habitat.
- Q3    Write a short note on: 14  
        A. Competition.  
        B. Classification of Actinomycetes and related bacteria.
- Or
- Explain: Iwoff-horne and tournier (LHT) classification system. 14
- Q4    Describe the general characters of Green Algae and Red Algae. 14
- Or
- Describe in brief: 14  
                A. Marine grasses.  
                B. Types of pigments in Marine Algae.
- Q5    Write notes on: 14  
        A. Structure of Trochophore larva.  
        B. Migration of eel.
- Or
- Describe the larval stages of class Porifera and Annelida.

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