

M.Sc. Marine Sciences Semester – I Examination

November -2015

Paper no: 03 Subject Code: 2800

(Marine living resources and Biodiversity)

Time: 2½ hrs

Max. Marks 70

- Q1 Describe: Various levels of biodiversity in detail. 14
- or
- Q1 Describe: 14
- A. The socio-economic and political causes for destruction of biodiversity.
- B. Biodiversity of mangrove forest.
- Q2 Give the classification of: 14
- A. Ctenophora B. Coral snake.
- or
- Q2 Describe the characteristics of muddy shore with special emphasis on fauna of intertidal zone. 14
- Q3 Explain mutualism and parasitism with appropriate examples. 14
- or
- Q3 What is Iwoff-horne and Tournier (LHT) classification system? Explain in detail. 14
- Q4 Describe in detail: Characteristics of Green Algae and Red Algae 14
- Or
- Q4 Describe: 14
- A. Types of pigments in Marine Algae.
- B. Isomorphic and heteromorphic life cycle.
- Q5 Write notes on: Trochophore larva and Dipleurula larva 14
- or
- Q5 What is anadromous and catadromous migration? Explain migration of fish with examples. 14