



DII-003-018403

Seat No. _____

M. Sc. (Sem. III) (CBCS) Examination

May / June – 2015

**Z - 421 : Zoology
(Marine Biology) (Ele.)**

Faculty Code : 003

Subject Code : 018403

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- Q.1. Answer the following very briefly (*any seven*) 2 x 7 = 14
- | | |
|--|----------------------------|
| (a) Give few sources of Marine Pollution | (b) Define tide |
| (c) What is Monsoon? | (d) What is Utrophication? |
| (e) Name few planktons | (f) Define Nectons |
| (g) Define Benthos | (h) Define mangrove |
| (i) Define Estuary | (j) What is EIA? |
- Q.2. Answer of the following (*any two*) 7 x 2 = 14
- Briefly describe the physical properties of marine environment
 - Write a brief note on Eutrophication
 - Briefly describe the marine food chain
- Q.3. Answer the following : 7 x 2 = 14
- Write a short note on productivity of the sea
 - Write a brief note on physic-chemical parameters of estuary
- OR**
- Q.3. Answer the following : 7 x 2 = 14
- Write a short note on marine Plankton
 - Write a brief description on marine microbes
- Q.4. Answer the following: 7 x 2 = 14
- Write a short note on the coastal zone management
 - Write a short note on 'Red Water' phenomenon
- Q.5. Answer the following (*any two*) : 7 x 2 = 14
- Describe the distribution of nutrients in the sea
 - Briefly describe the factors affecting primary productivity of the sea
 - Write a short note on coastal living resources and their management
 - Write a short note on oil pollution at sea