

INDIAN MARITIME UNIVERSITY
(A Central University, Govt.of India)

May/June 2015 End Semester Examinations

SEMESTER – VI, B.TECH (MARINE ENGINEERING)

ENVIRONMENTAL SCIENCE & TECHNOLOGY (E 1603)

Date:24.06.2015

Time:-3 Hrs

Max.Marks:100

Pass Marks:50

PART – A
(Compulsory Questions)

(3 x10 = 30 Marks)

1. a) What are all the Scope of Environmental Studies ?
- b) What are the importance of Public Participation ?
- c) What are Phyto planktons & zooplanktons give few examples for each
- d) Explain food chain & food web?
- e) Describe the term hot spot in biodiversity?
- f) Define the term Landscape ecology ?
- g) Define autecology & synecology ?
- h) Define the term E-waste?
- i) Explain the term BOD?
- j) What is meant by EIA?

PART – B
(Answer any five of the following)

(5 x14 = 70 Marks)

2. a) Draw a neat sketch of Energy Flow in Echo System, with examples. (7)
- b) Explain briefly about the structure of atmosphere? (7)
3. Explain briefly about the various geo chemical cycles with an example? (14)

4. a) Explain the feature of Pond and Lake eco system with suitable examples (7)
b) Write a short note on Ecological pyramids and their types with suitable example? (7)
5. a) Explain the insitu and Exsitu conservation along with their merits and limitations (7)
b) Describe the term hot spots in biodiversity? (7)
6. Explain the various sources, effects, and methods of control of water pollution (14)
7. Elaborate about the Public liability insurance act 1991 (14)
8. Explain briefly about the Environmental impact assessment, Management , & monitoring plan ? (14)
