

Indian Maritime University
(A Central University, Govt. Of India)
End Semester Examination **Dec-2019/Jan-2020**
B. Tech(Marine Engineering)
Semester-VI
Environmental Science & Technology
(UG11E1603/2603)

Date: 11-01-2020

Max Marks: **70**

Time: 3 Hrs

Pass Marks: **35**

Part – A (compulsory)

Answer the following (10x2=20 Marks)

1. What are the primary and secondary air pollutants?
2. What is oil spill?
3. What are the major greenhouse gases?
4. How will you define biodiversity hotspot?
5. Define marine pollution.
6. What is e-waste?
7. What do you mean by point and non-point source of pollutants?
8. What is biome?
9. What is genetic diversity?
10. Define BOD and COD.

Part – B

Answer any 5 out of 7 questions (5 x 10= 50 marks)

11. Explain hydrological cycle with schematic diagram. (6+4)
12. Describe various indicators in support to climate change. (10)
13. What are the major effects of marine pollution? (10)
14. Explain the terms 'reduce', 'reuse' and 'recycle' related to solid waste management. (3+3+4)
15. What are the major polluting industries and pollutants in coastal region in India? (10)
16. Mention the summary of EIA process with flowchart. (6+4)
17. Describe the 5 major threats of biodiversity. (10)
