

Indian Maritime University
(A Central University, Govt of India)

End Semester Examinations – June 2026

Programme Name: DNS

Semester: II

Subject Code: UD11T6203

Subject Name: MARINE POLLUTION PREVENTION

Date: 03.06.2026

Max Marks: 70

Duration: 03 Hrs

Pass Marks: 35

General Instructions

- (i) All Sections (A, B & C) are to be attempted.
- (ii) Options, if any, are specified in respective section.

Ten MCQs/Fill in the Blanks of 01 Mark each – Choose the correct answer as applicable.

1. What does IRD stand for?
 - a) International Region of Disposal
 - b) International regulation of Discharge
 - c) Instantaneous rate of Discharge
 - d) None of the above
2. Marpol Annex 1 and Annex 2 entered into Force on _____
3. The certificate issued under Marpol Annex 2:
 - a) IOPP
 - b) Certificate of Fitness
 - c) Cargo Record Book
 - d) ISPP
4. IMDG stands for _____
5. Sewage treatment plants must be approved by:
 - a) Port State Control
 - b) IMO
 - c) Administration
 - d) Classification Society
6. Processed Food Waste can be disposed of at a distance more than _____ nm when the ship is inside special area.
7. What does ECA stand for?
 - a) Environmental Control Area
 - b) Engine Control Area
 - c) Emission Control Area
 - d) Energy Conservation Area

8. As per Annex V, the disposal of garbage out side special areas, which one is strictly prohibited to discharged

- (a) Plastics are prohibited
- (b) Cooking oil and incinerator ash are prohibited
- (c) Both (a) and (b) are prohibited
- (d) None of them are prohibited

9. In an oil tanker the drain of all cargo pumps and all oil lines after the completion of cargo discharge, is either send ashore or kept on board in--

- (a) Dirty oil tank
- (b) Slop tank
- (c) Double bottom tank
- (d) the smallest cargo oil tank

10. VOC emissions from ships can be due to incomplete combustion and evaporation processes. One such process is -

- (a) Crankcase emissions containing unburnt fuel vapors, oil mist
- (b) Evaporation of Ballast water treatment chemicals
- (c) Throwing plastics on board in any form
- (d) Comminution and filtration of garbage products

Section B

All Five Questions are of 02 Marks each

11. Define Segregated Ballast and Clean Ballast.

12. Write Short Note on Procedures and Arrangements Manual (P&A Manual)

13. State all categories of Garbage as per MARPOL Annex V

14. Briefly explain IOPP certificate.

15. What is a special area? Give three example as per Annex V.

Section C

All Seven Questions are of 10 marks. Answer any Five Questions.

16. a Define the contents of IOPP Certificate.

[5 Marks]



ent of

chat i

TM

that is

TH

17

XX

