

# CBCS SCHEME

USN

--	--	--	--	--	--	--	--	--	--

18MR744

Seventh Semester B.E. Degree Examination, Feb./Mar. 2022

## Ship Recycling

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

- Module-1**
- 1 a. What is ship recycling? Explain how the ship dismantling is carried out at ship breaking yard. (10 Marks)
- b. Explain the following ship breaking methods: (10 Marks)
- (i) Afloat method (ii) Dry dock method.

- OR**
- 2 a. Sketch and explain the layout of a ship breaking yard. (10 Marks)
- b. Explain briefly about ship breaking practices in India and Bangladesh. (10 Marks)

- Module-2**
- 3 a. What is enclosed space? Explain the procedure for entering an enclosed space. (10 Marks)
- b. State and explain the on-board hazardous materials and their recycling methods. (10 Marks)

- OR**
- 4 a. List and explain nine classes of dangerous cargos transported by ships. (10 Marks)
- b. Explain the cargo fumigation and its importance in shipping. (10 Marks)

- Module-3**
- 5 a. Define recyclable content. Explain briefly about ship recycling plan. (10 Marks)
- b. Explain the framework of the ship recycling plan. (10 Marks)

- OR**
- 6 a. State and explain the six regulations of the international convention for the prevention of pollution (MARPOL) from ship. (10 Marks)
- b. Explain the following : (10 Marks)
- (i) Marine Pollution Prevention (ii) Green Passport.

- Module-4**
- 7 a. What is Basel Convention? Explain why the Basel convention was created and how it works. (10 Marks)
- b. Explain the guide lines for the sediment reception facility of MEPC55. (10 Marks)

- OR**
- 8 a. What is a flag state? Explain the role of a flag state. (10 Marks)
- b. Briefly explain about the following : (10 Marks)
- (i) International Labour Organization (ILO) (ii) The London Convention and Protocol.

- Module-5**
- 9 a. Explain the ship breaking industry in India and also explain about the present scenario. (10 Marks)
- b. State and explain the role of Pollution Control Board. (10 Marks)

- OR**
- 10 a. Explain briefly about Alang – Soshiya ship breaking yard. (10 Marks)
- b. List and explain the hazards associated with ship breaking. (10 Marks)

\*\*\*\*\*

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.