

CBCS SCHEME

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18MR744

Seventh Semester B.E. Degree Examination, July/August 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 breaking process? Explain how the ship dismantling is carried out at ship breaking yard. (10 Marks)
b. Sketch and explain the layout of ship breaking yard. (10 Marks)

OR

- 2 a. How does ship breaking affect the environment? Explain Dry Docking of ships. (10 Marks)
b. Explain briefly about the ship breaking practices in India. (10 Marks)

Module-2

- 3 a. What is enclosed space? Explain the procedure for entering an enclosed space. (10 Marks)
b. Explain the cargo fumigation and its importance in shipping. (10 Marks)

OR

- 4 a. List and explain the various classes of dangerous cargo's transported by ships. (08 Marks)
b. Write a short note on on-board hazardous materials and their recycling methods. (12 Marks)

Module-3

- 5 a. Define recyclable content. Explain briefly about recycling plan. (10 Marks)
b. Explain pollution prevention procedure for existing ships. (10 Marks)

OR

- 6 a. Write a short note on : i) Green passport ii) Designing recyclable ships. (10 Marks)
b. State of explain any five regulations of the international convention for the prevention of pollution from ship. (10 Marks)

Module-4

- 7 a. What is Basel convention? Why the Basel convention has created and how it works? (10 Marks)
b. Explain the purpose and guidelines of MEPC53 and London convention of 1972. (10 Marks)

OR

- 8 a. Explain the industry code of practice on ship recycling. (10 Marks)
b. What is a flag state? Explain the role of flag state. (10 Marks)

Module-5

- 9 a. Explain the growth of ship breaking industry in India. (10 Marks)
b. Explain the various hazards associated with ship breaking. (10 Marks)

OR

- 10 a. Where are the ship breaking yards located in India? Explain any one ship breaking yard in India. What is the work of Gujarat Maritime board? (10 Marks)
b. Explain the problems of ship breaking in India. List the role of pollution control board. (10 Marks)

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