

Total No. of Questions: 09

B.Tech.(Marine Engg.) (2013 Batch) (Sem.-5) SHIP CONSTRUCTION

Subject Code: BTMR-502 Paper ID: [72715]

Time: 3 Hrs. Max. Marks: 60

INSTRUCTION TO CANDIDATES:

- SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
- 2. SECTION-B contains FIVE questions carrying FIVE marks each and students has to attempt ANY FOUR questions.
- 3. SECTION-C contains THREE questions carrying TEN marks each and students has to attempt ANY TWO questions.

SECTION-A

1. Answer briefly:

- a) What is moulded draught?
- b) What is meant by stress in ships?
- c) Explain pounding.
- d) What do you understand by bracket floors?
- e) Enumerate the plating system for construction of shells.
- f) What are different types of rudder?
- g) What do you understand by locking pintle?
- h) Name different types of ships.
- i) What is the function of tugs?
- j) Explain offshore technology.



SECTION-B

- 2. What are different welding test used in fabrication of structure in ship construction?
- 3. Enumerate various stresses in ship's structure.
- 4. Describe water tight sliding doors with sketch.
- 5. What are the functions of drilling ship? Explain.
- 6. Differentiate between tanker and chemical carriers.

SECTION-C

- 7. Describe the significance and details of marking various international regulations.
- 8. Explain the constructional details and requirements of passenger ships.
- 9. Write a note on periodical surveys for retention of class.

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