Roll No.					Total No. of Pages	s : 0	2

Total No. of Questions: 09

B.Tech.(Marine Engg.) (2013 Batch) (Sem.-5)
SHIP CONSTRUCTION
Subject Code: BTMR-502

M.Code: 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 do you understand by moulded depth?
- b) Name different stresses in ship's structure.
- c) What are different types of sections used in ship construction?
- d) What is meant by web frame?
- e) What do you understand by deep tank?
- f) What are the functions of a tunnel bearing?
- g) What is locking pintle?
- h) What is the function of tugs?
- i) Explain sagging.
- j) What is meant by offshore technology?



SECTION-B

- 2. What are different riveting test used in fabrication of structure in ship construction? Discuss.
- 3. Explain the plating system for shells.
- 4. Describe supporting and closing arrangement with sketch.
- 5. What are different survey rules for ships? Discuss.
- 6. Explain racking and hogging with example.

SECTION-C

- 7. Draw the layout of a shipyard and explain.
- 8. Write a note on container ship.
- 9. Explain the construction details and requirements of tankers.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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