

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BE SEM-V Examination-Nov/Dec.-2011**

**Subject code: 151804**

**Subject Name: Ship Construction**

**Date: 29/11/2011**

**Time: 2.30 pm -5.00 pm**

**Total marks: 70**

**Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

**Q.1** (a) What do you mean by Load line surveys, explain in brief? **07**  
(b) Explain the Mould Loft Working. **07**

**Q.2** (a) Give the details of assembly line & sub assembly of fabrication. **07**  
(b) Which are the Enhanced survey requirements? **07**

**OR**

(b) Differentiate between Dredgers & Tugs. **07**

**Q.3** (a) Functioning of ship classification society. **07**  
(b) Describe the types of ships. **07**

**OR**

**Q.3** (a) Write a short note on Fire Fighting equipments with neat sketch. **07**  
(b) What are the basic ship registration formalities? Explain. **07**

**Q.4** (a) Uses of: 1. Container ships & **07**  
2. Bulk carriers.  
(b) Make a neat sketch of Gas Tanker. **07**

**OR**

**Q.4** (a) Explain: 1. Launching & **07**  
2. Sea trial of ships.

**Q.4** (b) Describe the Deep Sea Diving System. **07**

**Q.5** (a) Explain Calculation of Tonnage as per the 1969 convention. **07**  
(b) What do you mean by Marking Permanently Carved, explain in brief? **07**

**OR**

**Q.5** (a) Write a short note on Importance of this subject (151804) in Marine Engineering. **07**  
(b) Which tests should be carried out during the Sea trial of the ship? **07**

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