

**INDIAN MARITIME UNIVERSITY**  
(A Central University, Government of India)

**May/June End Semester Examinations**  
**B.Sc. (Nautical Science) Sixth Semester**  
**(AY 2013-14 to 2015- 16 batches only)**

**Ship Operation Technology - VI (UG21T2605)**

Date : 12.06.2017

Maximum Marks: 70

Time: 3 Hrs

Pass Marks : 35

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Note: Answer any SEVEN questions

All questions carries equal marks

(7 x 10=70 marks)  
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1. How will you prepare your vessel for safety construction survey?  
(10 marks)
2. How will you prepare a vessel for Safety Equipment Survey (10 marks)
3. Describe the general procedures to be followed prior Dry docking of a Vessel.  
(10 marks)
4. Explain in brief the methods for Pest control in Accommodation and Galley  
(10 marks)
5. Explain the functioning of safety committee onboard ship and the role of a safety officer.  
(10 marks)
6. What precautions are required to be taken while entering an Enclosed Space.  
(10 marks)
7. Write in detail the significance and the purpose of Recruitment and Placement Rules 2005  
(10 marks)
8. Write in detail with diagram the various Search Patterns as per IAMSAR Volume III  
(10 marks)
9. Write short notes on the following: (10 marks)
  - a) EPIRB
  - b) SART

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