

B.Sc. (NAUTICAL SCIENCE)

Term-End Examination

June, 2014

**BNA-041 : NAVIGATIONAL AIDS AND
ENVIRONMENTAL PROTECTION**

Time : 3 hours

Maximum Marks : 70

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- Note :** (i) *All questions are compulsory.*
(ii) *All questions carry equal marks.*
(iii) *Write each answer from fresh page.*
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1. What static and dynamic information is available from "A . I . S." ? 10
2. As per solas chapter V regulation 19, list ten navigation equipment required on board a ship of 50,000 G.T. 10
3. Briefly describe the biocidal method to be used for anti fouling paints. 10
4. Explain in detail the roll on / roll off vehicle operations procedures. 10
5. Describe the loading and handling (lifting) methods for containers. 10
6. What information is contained on the "CSC" plate of a container ? Explain. 10
7. Explain the role of vessel traffic services. 10