

**B.Sc. (NAUTICAL SCIENCE)**

**Term-End Examination**

**June, 2011**

**BNA - 031 : SHIP SAFETY AND SECURITY**

*Time : 3 hours*

*Maximum Marks : 70*

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- Note :** (i) *All questions are Compulsory.*  
(ii) *Choice is given in the questions only.*  
(iii) *All questions carry equal marks.*
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1. Define/Explain the following : **5x2=10**  
(a) Off course alarm on auto pilot.  
(b) SOLAS chapter IX.  
(c) Ship security plan.  
(d) Secondary Explosives.  
(e) General Emergency/Fire Alarm.
2. Why do masters need to write their intention in writing ? How should this masters standing orders to be followed ? **10**
3. What are 'Checks' on navigational status when taking over watch in calm sea, heavy traffic and in traffic separation scheme ? **10**

4. Who all shall form the bridge team and what is their responsibility ? 10
5. What are the requirements for performing an accident investigation ? 10
6. What are the responsibilities of an Ship Security Officer (SSO) ? 10

**OR**

When security is breached, what action should be taken by master/SSO ?

7. How master will provide safe access to and from the vessel as per maritime administration ? 10

**OR**

What is your understanding of good housekeeping ?

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