

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

**Term-End Examination**

**June, 2013**

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

*Time : 3 Hours*

*Maximum Marks : 70*

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- Note :** (i) All questions are *compulsory*.  
(ii) All questions carry *equal marks*.
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1. What routeing measures are prescribed by 'IMO' to improve safety at sea ? 10
2. Enumerate factors to be taken into consideration in determining the composition of the navigational watch. 10
3. Explain various terms used in 'Risk Analysis'. What are their relevance to the ships and seafarers ? 10
4. Explain in detail, how threat identification, recognition and response take place for the safety of vessel ? 10

5. Explain in detail, how to conduct survival craft drills ? **10**
  
  6. What precaution are taken when a person is working aloft ? **10**
  
  7. Explain in detail, how good housekeeping is a vital part of shipboard safety management ? **10**
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