

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

**Term-End Examination**

00885

**December, 2014**

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

*Time : 3 hours*

*Maximum Marks : 70*

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**Note :** Answer any *three* questions from Section A and any *four* questions from Section B. All questions carry equal marks.

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**SECTION A**

1. What are the procedures for handing over a navigational watch at sea ? 10
  
2. Under what circumstances should the O.O.W. call the Master during his watch at sea ? 10
  
3. What is the composition of the Bridge team ?  
What are the roles and responsibilities of each ? 10
  
4. What are the factors to be considered in composition of the Bridge Watch team ? 10

## **SECTION B**

5. What are the contents of ISM Code ? *10*
6. What is the purpose of each of the following : *10*
- (a) Risk Analysis
  - (b) Accident Investigation
7. What is an Emergency ? List five different Emergencies at sea. *10*
8. List the security equipments carried on board. What is the use of each ? *10*
9. What security checks are carried out by a Deck Patrol in port ? *10*
10. What are the various personal protective gear used on board ? *10*
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