

01625

B.Sc. (NAUTICAL SCIENCE)

Term-End Examination

December, 2010

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 function of : **5x2=10**
- (a) Counter Rudder control (Auto-Pilot)
 - (b) Maritime safety committee of IMO
 - (c) Control measures to reduce qualitative risk.
 - (d) Primary explosives
 - (e) Security level 2.
2. What action is necessary by the O.O.W. on the onset of heavy weather ? **10**
3. What actions are the bridge team required to take when navigating with pilot on Board ? **10**

4. What relevant factors you should consider when determining the composition of the navigational watch ? 10
5. What are the principles of risk assessment ? 10
6. What are the duties of the OOW with respect to security under ISPS ? 10

OR

What is the procedure for accepting unaccompanied Baggage ?

7. Can port state control officers detain foreign flag ship ? If so, for what reasons ? 10

OR

Enumerate the checks to be carried out prior to entry into enclosed space.
