

00419

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

**Term-End Examination**

**December, 2011**

**BNA-023 : CARGO HANDLING, STOWAGE  
AND SEAMANSHIP - II**

*Time : 2 hours*

*Maximum Marks : 70*

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*Note : All questions are compulsory.*

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1. (a) Explain in detail the method for securing anchor for sea. **20**  
(b) Explain in detail, why "Air Draft" is important to bulk carrier loading at a terminal ?  
(c) Explain in detail the hazards of petroleum on a tanker.  
(d) In cargo documentation, explain Reefer Cargo Manifest on a container ship.
2. Explain in detail precautions, documentation and procedure for entry into enclosed space. **10**

3. Explain in detail the items that need to be checked as per shipshore safety checklist for an oil tanker. 10
  4. As per code of safe working practice explain the role of Ship Safety Officer. 10
  5. Explain the principle of eductor with the help of a neat diagram. 10
  6. What is the cargo securing manual and explain its contents ? 10
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