

01423

B.Sc. (NAUTICAL SCIENCE)

Term-End Examination

December, 2012

BNA-041 : NAVIGATIONAL AIDS AND ENVIRONMENTAL PROTECTION

Time : 3 hours

Maximum Marks : 70

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- Note :** (i) Attempt *all* questions.
(ii) All questions carry *equal* marks.
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1. (a) Explain Integrity Checks of AIS.
(b) Explain the various uses of AIS.
2. (a) What are the operational requirements of 'VDR' ?
(b) How VDR is helpful in port state control compliance ?
3. Explain with diagram, how RADAR/ARPA information is helpful in collision avoidance ?
4. Name any two paint failures and write short notes on them.

5. What all care should be taken of cars while in transit ?
 6. What would be the future uses of the VTS ?
 7. In Integrated Contingency Planning, what are proper response actions ? Explain each of them in brief.
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