

B.Sc. (NAUTICAL SCIENCE)

Term-End Examination

December, 2011

BNA-017 : ENGLISH AND HUMAN FACTORS

Time : 2 hours

Maximum Marks : 100

Note : *This paper has five questions. Each question has 20 marks. Attempt all questions.*

1. Explain the organisational structure on board and list out the duties of the following personnel on board. 20
 - (a) Master
 - (b) 3rd Officer
 - (c) Electrical officer
 - (d) Deck bosun.

2. Describe the methods for improving the following communication skills. 4x5=20
 - (a) Reading skill
 - (b) Writing skill
 - (c) Listening skill
 - (d) Speaking skill

3. Briefly discuss the ways and means by which 20
accident due to human error can be prevented.
4. Write short notes on *any two* of the followings : $4 \times 5 = 20$
- (a) Barriers to effective team work
 - (b) Personal hygiene
 - (c) Travel arrangement (ie. Prior to Air Travel)
 - (d) Tips to maintain good health on board ship
5. Expand the following abbreviations : $8 \times 2\frac{1}{2} = 20$
- (a) STCW
 - (b) MARPOL
 - (c) SMNV
 - (d) SMCP
 - (e) GMDSS
 - (f) FP&FF
 - (g) IGNOU
 - (h) DGS

OR

Write a letter to your Parents explaining briefly your role, duties, and responsibilities as deck cadet *onboard* ship.