

INDIAN MARITIME UNIVERSITY

End Semester Examination December 2017/ January 2018

Semester – I,

UG21T2108: BRIDGE EQUIPMENT, WATCHKEEPING & COLLISION PREVENTION, PAPER I

Date: 03.01.2018

Time: 3 hrs

Max Marks 70

Part - A Bridge Equipment

Note: Attempt any two questions from this section. All question carry equal marks

- Q.1 Explain use of three Navigational Equipments on Bridge (10 marks)
- Q.2 Write short notes on use of (a) Sextant
(b) Telegraph (5 X 2=10 marks)
- Q.3 (a) What is Magnetic compass error?
(b) What precautions to be observed while taking compass bearing? (5 X 2=10 marks)

Part - B Watch Keeping

Note: Attempt any two questions from this section. All question carry equal marks

- Q.4 Explain the duties of OOW during a Navigational Watch (10 marks)
- Q.5 (a) What is Bridge Team
(b) Who is In-charge of Bridge Team and his responsibility for Effective use of the resources (5 X 2=10 marks)
- Q.6 Make a check list for taking over a navigational watch (10 marks)

Part: - C Col Reg

Note: Attempt any Three questions from this section. All question carry equal marks

- Q.7 Define following (a) Vessel restricted in her ability to manoeuvre
(b) Power driven vessel (5 X 2=10 marks)
- Q.8 Explain Rule No 6 (safe speed) (10 marks)
- Q.9 Write short notes on (a) Inshore traffic zone in a traffic separation scheme
(b) Restrictions for vessel not to cross a Narrow channel (5 X 2=10 marks)
- Q.10 What action is recommended for stand – on vessel as per Rule No 17 (10 marks)
