

INDIAN MARITIME UNIVERSITY
(A Central University Government of India)
END SEMESTER EXAMINATIONS-June/July 2019
B.Sc Nautical Science
Semester-VI
Voyage Planning & ECDIS
(UG21T3601)

Date: 24-06-2019

Maximum Marks: 70

Duration: 3 hrs.

Pass Marks: 35

Note: Question No. 1 is compulsory.

Answer any 6 questions from remaining 8 questions (each of 10 marks).

Scientific Calculator is permitted if required.

- Q.1 (2 x 5 =10 marks)
- (a) Define what is a Safety Contour on ECDIS?
 - (b) State the four stages that need to be considered for planning the passage.
 - (c) Define what is a chart folio system?
 - (d) Define what is an ENC
 - (e) Name five important publications used in voyage planning?
- Q2. Explain regarding updated chart folio management onboard?
(10 marks)
- Q3. Describe the Planning stage of a Passage Plan. (10 marks)
- Q4. How will you select a suitable Anchorage while arriving a port. (10 marks)
- Q5. (a) Explain the benefits of effective communication in Bridge Resource Management (5 marks)
- (b) Discuss why situational awareness is a key factor for a good Bridge Resource management (5 marks)

- Q6. (a) Explain your understanding of 'INDSAR' ship reporting system? (5 marks)
- (b) Discuss briefly the objectives of Ships Routing? (5 marks)
- Q.7. What is the difference between a Raster chart and a Vector chart? (10 marks)
- Q8. Write in detail your understanding of GMDSS and what are the different elements used in GMDSS (10 marks)
- Q.9. (a) What are the duties of officer on watch when Pilot is on Board (5 marks)
- (b) Explain the use of NP-136 'Ocean Passages of the World' in planning an Ocean Passage, and what are its contents (5 marks)
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