

Student Exam No. _____

GANPAT UNIVERSITY

B. Tech. Semester: III (Marine Engineering)

CBCS (NEW) Regular Theory Examination, November – December 2015

2MR302 Seamanship & Survival at Sea

Time: 3 Hours

Total Marks: 60

- Instruction: (1) Attempt all Questions.
(2) Assume suitable data if necessary.
(3) Figure to right indicates full Marks.
(4) Question: 3 in Section 1 and Question 6 in section 2 are compulsory
(5) Start new Questions on New Page.

Section – I

Que.-1) Explain ship structure for crew on board and who is the head of the departments on board? 10

OR

Que.-1) Describe the permit to work system and Describe the contents of the check list for Hot Work in Enclosed space 10

Que.-2) Explain by showing a top view of General Cargo ship and show at-least 24 parts? 10

OR

Que.-2) Describe what is dressing of the vessel and when it is done? Explain courtesy, Ensign and company Flag? How do one salute the passing naval ship as sea? 10

Que.-3) Explain safety precautions needed while Anchoring? Explain Weighing up procedure? 10

Section – II

Que.-4) Draw a neat diagram explaining the navigation light - colour, arc and location of lights? 10

OR

Que.-4) Care and maintenance of mooring ropes? What are different mooring lines used on board? 10

Que.-5) Expand SART and EPIRB, What is use? Describe the equipment in brief? 10

OR

Que.-5) What is use of Barometer and Echo sounder? Briefly describe both equipments? 10

Que.-6) Explain how you will launch life raft manually? What is H.R.U and how it works 10

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