

Student Exam No. _____

GANPAT UNIVERSITY

VII

B. Tech. VI Semester Marine Engineering

Regular Examination April – June 2016

2MR802 Ship Safety and Environment Protection

Time: 3 Hours

Total Marks: 70

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 what could have been done in case of Exxon Valdez to avoid such major oil spill? 12

OR

Que.-1 What are the Safety measures for Safe working environment and for using hand tools? 12

Que.- 2 What is Emergency? Describe action in case of Engine Failure? 11

OR

Que.- 2 Pipe line in Ballast water tank is leaking, need to weld same, Give procedure to be followed? 11

Que.-3 Write short notes on following : 12

a) Hot work permit

c) enclosed space permit

b) London dumping convention

d) Lifting appliances

Section – II

Que.- 4 What is Ballast water management? How it is to be done on board as ship? 12

OR

Que.- 4 Who is responsible for the maintenance of Machinery space log book? How it is done? 12

Que.- 5 What is Marpol? As per marpol how to segregate the Waste generated from engine room? 11

OR

Que.- 5 In case of Oil Spill from your ship during Bunkering operation describe your action plan? 11

Que.- 6 Precautions to be taken for the Prevention of Pollution of Marine Environment from the Galley 12

*****END OF PAPER*****