

**GANPAT UNIVERSITY**

**B. Tech.: III Semester Marine Engineering**

**Regular Examination April – June 2017**

**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      What is Emergency? In case of emergency which guidelines to be followed and explain action required by you in case of OIL SPILL?      12

OR

Que.-1      Explain Risk Assessment for carrying out renewal of piston at sea?      12

Que.- 2      List the procedure for obtaining Load line certificate?      11

OR

Que.- 2      List the contents of SOLAS? Briefly describe the chapters?      11

Que.-3      Write short notes on following :      12

a) Precaution for hand tools b) hot work permit c) Garbage record book d) SMPEP

**Section – II**

Que.- 4      How to Maintain Machinery space log book? Give significance of readings taken?      12

OR

Que.- 4      Give the ideal checklist for enclosed space entry? How permit is issued? Who issue permit?      12

Que.- 5      Explain Ballast water management on board ship?      11

OR

Que.- 5      What is Marpol? List all annexes under Marpol? Where the records to be maintained?      11

Que.- 6      Interpretation of Functional tests on communication and control systems in your words?      12

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