

V26/S01056/EE/20160719

Time : 3 Hours

Marks : 80

Instruction :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
 - a) Briefly state the contents of the IMDG code. 5
 - b) What is IGC code? Where is it used? 5
 - c) What are the various equipment used for loading/ unloading a bulk carrier? 5
 - d) What are the hazards of coal cargoes? 5
 - e) What are the different types of gas carries? 5
2. Solve any **four** sub-questions.
 - a) Write a short note on explosimeter. 5
 - b) What will be your action in the event of an oil spill? 5
 - c) Name the types of valves used to on an oil tanker. 5
 - d) Draw and label the flammability diagram. 5
 - e) What are the hazards of gas cargoes? 5
3. Solve any **four** sub-questions.
 - a) Write a short note on GMDSS. 5
 - b) Describe a distress message for a fire on board your vessel. 5
 - c) What are the uses of an EPIRB. 5
 - d) Write short notes on Navtex. 5
 - e) What are the various sea areas as per GMDSS. 5

4. Solve any **four** sub-questions.
- a) What is a DOA? When are you required to carry a DOA? 5
 - b) Draw a neat and labeled diagram of a twist lock. 5
 - c) Write a short note on tankscope. 5
 - d) What is gasfreeing? 5
 - e) What is a SART? How does it work? 5

