

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2018

Course: International Maritime Transportation

Programme: MBA PSM

Time: 03 hrs.

Instructions :Please write your answers clear and legible language

Semester: I

CC: TRPS 8007

Max. Marks: 100

SECTION A -20 marks

S. No.		Marks	CO
Q 1	Fill in the Blanks		
1.1	The Arctic Circle has a latitude of _____.	1	CO 1
1.2	The highest and lowest tides will occur on a _____ moon.	1	CO 1
1.3	The Beaufort Scale classifies winds at sea in _____ categories.	1	CO 1,2
1.4	Import licenses are a type of _____ barrier.	1	CO 1,2
1.5	Based on size classification, a bulk carrier with a dwt of 36000 would be called _____	1	CO 1
1.6	Submersible pumps are usually found on _____ ships.	1	CO 2
1.7	Sediment on crude tankers is controlled using _____ washing.	1	CO 2
1.8	Bulk carriers which have their own discharge equipment for bulk discharge on board are termed _____.	1	CO 1,2
1.9	The distance from the water line to the highest point on the ship's superstructure is called _____.	1	CO 2
1.10	_____ Tonnage is the weight of the ship when fully loaded to the appropriate load line.	1	CO 1
1.11	The passage between the COSP and EOSP is the _____.	1	CO 1,2
1.12	Registers that allow only any country's nationals to register their vessels are called _____ registries.	1	CO 2
1.13	OCIMF is an abbreviation for _____	1	CO 2
1.14	Annex V of MARPOL deals with _____	1	CO 2
1.15	The _____ certificate states the minimum number of crew required on board.	1	CO 2
1.16	A ship's minimum freeboard is stated on the _____ certificate.	1	CO 1
1.17	Intermediate surveys are carried out every _____ years	1	CO 1,2
1.18	There are _____ regional Port State Control MoU's.	1	CO 1
1.19	Liability for oil pollution is covered by the _____ certificate.	1	CO 2

1.20	The association of tanker owners is called _____	1	CO 2
SECTION B - Answer any 4 questions- 20 Marks			
Q 2	Distinguish between gross and net tonnages.	5	CO 1
Q 3	Enumerate the pollutants covered by the Marpol convention under its various annexes.	5	CO 1
Q 4	Differentiate between “open” and “closed” ship registers.	5	CO 1,2
Q 5	Describe the process through which ship’s certificates are validated on a regular basis.	5	CO 2
Q 6	Write a short note on the ISPS Code	5	CO 1,2
SECTION-C-Answer any Three-30 marks			
Q 7	Explain the role played by classification societies in ensuring safety of shipping.	10	CO 2
Q 8	List five trading certificates that are essential for ALL vessels to have valid at any time, and explain areas covered by them.	10	CO 3
Q 9	Discuss the reasons that led to the rise of ‘flags of convenience’, and their benefits/ disadvantages.	10	CO 3
Q 10	Discuss the reasons for the emergence of “port state control”. Has it proved to be an effective mechanism	10	CO 3
SECTION-D-Case Study-30 marks			
Q 11	Explain the role played by the IMO in ensuring ‘safer ships and cleaner oceans.’	15	CO 3
Q 12	The m.t. Silver Lining Express has to load a cargo of rock phosphate at Casablanca, for discharge at Copenhagen. Casablanca is in summer zone and Copenhagen in winter. The passage from Casablanca to Copenhagen is 11 days, but she will enter the winter zone in 5 days and 12 hrs. Her displacements are 50,448 (S), 48346 (W), and 52550 (T), and light ship is 7,148 mt. At the load port she has on board 1,260 mt of FO, 170 mt of DO, 450 mt FW, and a constant of 185 mt. Her daily consumptions are 36 mt FO, 2 mt DO and 10 mt FW. Calculate the maximum cargo she can safely load. Can this maximum lift be increased anymore?	15	CO 4