

Name:

Enrolment No:



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

Course: Port & Terminal Management
Programme: MBA PSM

Semester: I
Code: TRPS 7002

Time: 03 hrs.

Max. Marks: 100

Instructions:

SECTION A

S. No.		Marks	CO
Q 1	Statement of question		
a)	Name four container terminals in India?	2	CO 1
b)	Differentiate between feeder and main line vessels.	2	CO 2
c)	Explain the need for dredging in a port.	2	CO 2
d)	Why ports allocate mobile harbor cranes?	2	CO 1
e)	Why do vessels use pilots in ports?	2	CO 1
f)	What is quantum of cargo forecasted for Indian (both Major and Private) Ports in 2020?	2	CO 1
g)	Most of the container terminals use RMQC- why?	2	CO 1
h)	What is an anchorage?	2	CO 1
i)	Mention four basic steps through which most of the sea borne cargo passes in port	2	CO 2
j)	Explain STS operations.	2	CO 2

SECTION B

Q 2	Statement of question		
a)	Give suggestions about making right kind of yard for a bulk terminal.	4	CO 3
b)	Rational tariffs make ports acceptable – elaborate.	4	CO 2
c)	Describe a container terminal process.	4	CO 2
d)	Ship sizes define port infrastructure – discuss.	4	CO 3

e)	What are the productivity improvement tasks in Maritime Agenda 2020?	4	CO 3
f)	Tanker terminals must be situated at a distance from the main port – explain.	4	CO 2
g)	Why do you think that RORO operations are very suitable for low drafted ports?	4	CO 3
SECTION-C			
Q	Statement of question		
Q 3	Write a brief essay on the development of private ports in India and describe a roadmap for future.	10	CO 3
Q 4	Describe at least three parameters of port performance. Why are these so important in running of a port? What does the Turn Round Time denote and mention the different critical factors that can be deduced from this performance indicator.	10	CO 4
Q 5	Mention best practices in human resource management in ports. Critically examine the role of unions in ports.	10	CO 4
Q 6	Explain their critical role of ICD-s in India’s EXIM trade.	10	CO 3
SECTION-D			
Q	Statement of question	Marks	CO
Q 7	(a) A port handling log suffers from regular accidents. Suggest the safety measures that you recommend as a terminal manager. (b) Describe the operation of VTMS in monitoring different aspects of the port operation. Mention three ports or gulfs that use the VTMS. Draw a rough sketch of VTMS implementation with the instruments / equipment used.	30	CO 4

Name:

Enrolment No:



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

Course: Port & Terminal Management
Programme: MBA PSM

Semester: III

Time: 03 hrs.

Max. Marks: 100

Instructions:

SECTION A

S. No.		Marks	CO
Q 1	Statement of question		
a)	Name four oil terminals in India?	2	CO 1
b)	Explain hub and spoke model.	2	CO 2
c)	Dredging types vary – depending on need – explain in two sentences.	2	CO 2
d)	Why RMG- are not usable on quay line or wharf?	2	CO 1
e)	Why do vessels use pilots in ports?	2	CO 1
f)	What is rough division of cargo between Indian Major and Private Ports in 2020?	2	CO 1
g)	Differentiate between RMQC & RTG.	2	CO 2
h)	What is an anchorage?	2	CO 1
i)	What are the generic four basic steps through which sea cargo passes through port?	2	CO 1
j)	If drafts do not permit handling of large crude tanker – how can we handle the same?	2	CO 2

SECTION B

Q 2	Statement of question		
a)	Give suggestions about making right kind of yard for a container terminal.	4	CO 2
b)	How do you differentiate between the tariff structure of private port and a government port?	4	CO 3
c)	Describe a liquid terminal process.	4	CO 2
d)	Write 5 points / factors that define the setting of a port.	4	CO 2

e)	What are the productivity improvement tasks in Maritime Agenda 2020?	4	CO 2
f)	Tanker terminals must be situated at a distance from the main port – explain.	4	CO 3
g)	Explain the placement of the conveyors in a bulk port.	4	CO 3
SECTION-C			
Q	Statement of question		
Q 3	Describe in your own language why the ports like Singapore and Shanghai can handle such a large number of containers and the Indian container terminal lags	10	CO 4
Q 4	Port performance measurement and enhancing is a key success factor for Indian ports – critically examine.	10	CO 3
Q 5	Human resource management had been long neglected at Indian ports – comment.	10	CO3
Q 6	ICD & CFS is now defining India’s EXIM trade - examine.	10	CO 4
SECTION-D			
Q	Statement of question		
Q 7	(a) A port handling container suffers from regular accidents. Suggest the safety measures that you recommend as a terminal manager. (b) Describe the operation of Single Buoy Mooring with diagram & briefly mention why this is in use in many Indian ports.	30	CO 4