B.Tech. Degree V Semester Regular/Supplementary Examination in Marine Engineering November 2023

19-208-0503 MARITIME ECONOMICS AND COMMERCIAL GEOGRAPHY
(2019 Scheme)

Time: 3 Hours   Maximum Marks: 60

Course Outcome
On successful completion of the course, the students will be able to:

CO1: Understand basics of economic organization of shipping market and major shipping routes.
CO2: Gain knowledge supply and demand and their influence on freight rates.
CO3: Understand cost, revenue and the financial performance of shipping.
CO4: Explain the economics principles and global patterns of maritime trade.
CO5: Understand the economics of ship and ship design, economics of ship building and recycling and maritime forecasting and market research.

Bloom's Taxonomy Levels (BL): L1 – Remember, L2 – Understand, L3 – Apply, L4 –Analyze, L5 – Evaluate, L6 – Create
PI – Programme Indicators

(Answer *ALL* questions)   (5 × 15 = 75)

			Marks	BL	CO	PI
I.	(a)	Explain the economic role of shipping industry.	8	L2	1	7.1.2
	(b)	Evaluate the importance of cargo handling and cargo specialization in shipping industry to provide cheaper and better transport.	7	L5	1	7.1.2
		OR				
II.	(a)	Identify the main components influencing the unit cost of transporting a ton of cargo in to a particular ship.	8	L1	1	7.1.2
	(b)	Evaluate the parcel size distribution function.	7	L5	1	7.1.2
III.	(a)	Analyze the main causes of business cycles in shipping industry.	8	L4	2	7.1.2
	(b)	Discuss average haul and ton-miles.	7	L2	2	7.1.2
		OR				
IV.	(a)	Explain the main factors influencing scrapping decisions.	8	L2	2	7.1.2
	(b)	Analyze the difference between momentary equilibrium and short run equilibrium.	7	L4	2	7.1.2
V.	(a)	Explain the main three variables influencing the achievement of financial performance of shipping industry.	8	L2	3	7.1.2
	(b)	Analyze the components of voyage cost.	7	L4	3	7.1.2
		OR				
VI.	(a)	Identify the main factors influencing the maximization of loaded days at sea.	8	L2	3	7.1.2
	(b)	Explain voyage cash flow analysis.	7	L2	3	7.1.2

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			Marks	BL	CO	PI
VII.	(a)	Analyze the importance of comparative advantage theory in international trade.	8	L4	4	7.1.2
	(b)	Evaluate the economics of bulk shipping.	7	L5	4	7.1.2
		OR				
VIII.	(a)	Analyse the views of Rostow on economic development.	8	L4	4	7.1.2
	(b)	Explain the role of sea trade on economic growth.	7	L2	4	7.1.2
IX.	(a)	Explain the three principles of maritime forecasting.	8	L2	5	7.1.2
	(b)	How cargo units and ship types are related?	7	L2	5	7.1.2
		OR				
X.	(a)	Compare market research and market forecasting.	8	L2	5	7.1.2
	(b)	Explain ship building market supply and demand model	7	L2	5	7.1.2

Bloom's Taxonomy Levels
L1 = 5.3%, L2 = 55.4%, L4 = 25.3%, L5 = 14%.

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