



FACULTY/COLLEGE	College of Business and Economics
SCHOOL	Johannesburg Business School
DEPARTMENT	Transport and Supply Chain Management
CAMPUS(ES)	APK
MODULE NAME	Shipping and Harbours
MODULE CODE	TRE8X12
SEMESTER	Second
ASSESSMENT OPPORTUNITY, MONTH AND YEAR	Final Summative Assessment Opportunity November 2019

ASSESSMENT DATE	November 2019	SESSION	08:30 – 11:30
ASSESSOR(S)	Prof JH du Plessis		
MODERATOR(S)	Mr. N. Walters		
DURATION	3 hours (180 min)	TOTAL MARKS	180

NUMBER OF PAGES OF QUESTION PAPER (Including cover page)	2
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INFORMATION/INSTRUCTIONS:

- Question papers must be handed in
 - This is a closed-book assessment.
 - Read the questions carefully and answer only what is required.
 - Number your answers clearly and correctly as per the question paper.
 - Write neatly and legibly on both sides of the paper in the answer book, starting on the first page.
 - Structure your answers by using appropriate headings and sub-headings.
 - The general University of Johannesburg policies, procedures and rules pertaining to the written assessments apply to this assessment.
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QUESTION 1

[30 MARKS]

Your company has received a large order from China for baled waste-paper. Due to the low value of the cargo the director of supply chain management has requested you to enter into negotiations with the major shipping lines to secure the lowest freight rate possible from Durban to Shanghai. Draft a report to this director explaining how you intend obtaining such a freight rate utilising the principles of liner pricing.

QUESTION 2

[30 MARKS]

There are several ways a ship owner can earn revenue, each of which brings a different distribution of risk between the ship owner and the charterer and a different apportionment of cost. Discuss the revenue the ship earns.

QUESTION 3

[30 MARKS]

A merchant ship is a substantial physical asset and its value can change rapidly. Describe the process of valuing merchant ships as undertaken by sale and purchase brokers.

QUESTION 4

[30 MARKS]

The cost of running a bulk carrier can be divided into five major general cost classifications. Analyse the cost of running a bulk carriers.

QUESTION 5

[30 MARKS]

The shipbuilding market mechanism uses the volatility to balance the supply and demand for ships whilst at the same time drawing in new low-cost shipbuilders and driving out high-cost capacity. Describe the economic principles of shipbuilding.

QUESTION 6

[30 MARKS]

Ports provide a crucial interface between land and sea and are locked in cut-throat competition to attract cargo moving to inland destinations or for distribution within the region. Describe the role that the Port of Durban fulfils in global trade and how it has evolved through the various levels of port development.

TOTAL: [180 MARKS]

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