



PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF COMMERCE, HUMAN SCIENCE AND EDUCATION

DEPARTMENT OF ECONOMICS, MARKETING, LOGISTICS AND SPORTS MANAGEMENT

QUALIFICATION: BACHELOR OF TRANSPORT MANAGEMENT	
QUALIFICATION CODE: 07BTRA	LEVEL: 6
COURSE CODE: TOC621S	COURSE NAME: TRANSPORT OPERATIONS AND COSTING
SESSION: NOVEMBER 2022	PAPER: THEORY
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION PAPER	
EXAMINER(S)	Mr JACINTO SILVA (FM & PM) Ms ESTER JESAYA (DI)
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INSTRUCTIONS	
<ol style="list-style-type: none">1. Answer ALL the questions.2. Read all the questions carefully before answering.3. Number the answers clearly	

THIS PAPER CONSISTS OF 3 PAGES (Including this front page)

QUESTION 1

[25 Marks]

Using examples, Explain the following terms within the context of Transport Operations and Costing:

- 1.1. Congestion Charges [5 Marks]
- 1.2. Travelling Salesman Problem [5 Marks]
- 1.3. Fleet Management [5 Marks]
- 1.4. Regulating Bodies [5 Marks]
- 1.5. International Maritime Organization [5 Marks]

Sub-total: 25 Marks

QUESTION 2

[25 Marks]

2.1. You and a group of friends are establishing a transport company. According to (Gubbins, 2003), there are three schools of thought about the theory of organisations that you can use to structure your company. Which school/s of theory/ies will you adopt, and how will you use it to structure your new establishment? [10 Marks]

2.2. Using examples, discuss any three criteria used in deciding on the type of transport organisation ownership [15 Marks]

Sub-total: 25 Marks

QUESTION 3

[25 Marks]

XYZ enterprises, a passenger transportation company in Windhoek, has a fleet of 30 buses that needs disposal and would like to increase the fleet with an additional 30 buses. The CEO, an Electrician by profession, has little knowledge of fleet financing techniques. You were recently hired as a fleet manager to provide expert guidance on all fleet-related issues. You have discovered that XYZ enterprises do not have a fleet acquisition policy.

Develop a report (addressed to the CEO) explaining the different automobile financing techniques that XYZ enterprises can use to acquire the new fleet. Suggest which of the techniques you recommend and why?

Sub-total: 25 Marks

QUESTION 4

[25 Marks]

The proliferation of private cars on Namibia roads (especially in the capital city) has led to severe pollution problems and may contribute to global warming. Some people think the government should spend money developing public transportation systems to alleviate this problem. Others believe it is better to spend money on other equally important social projects to help alleviate poverty in the country. In the past few years, the government has struggled to invest in developmental projects due to a struggling economy resulting from the Covid-19 pandemic and other factors.

Suggest, and use examples to explain any five (5) road charging techniques that the government can use to help alleviate the mushrooming of private cars and use funds collected to finance road infrastructure projects.

**Sub-total: 25 Marks
Grand Total: 100 Marks**

END OF EXAMINATION PAPER