



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY
FACULTY OF MANAGEMENT SCIENCES**

DEPARTMENT OF MARKETING AND LOGISTICS

QUALIFICATION: BACHELOR OF TRANSPORT MANAGEMENT	
QUALIFICATION CODE: 07BTRM	LEVEL: 6
COURSE CODE: PTO612S	COURSE NAME: PRACTICAL TRANSPORT OPERATIONS MANAGEMENT
SESSION: NOVEMBER 2019	PAPER: THEORY
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
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INSTRUCTIONS
<ol style="list-style-type: none">1. Answer ALL the questions.2. Write clearly and neatly.3. Number the answers clearly.4. This question paper consist of Section A and B.

THIS QUESTION PAPER CONSISTS OF 4 PAGES (Including this front page)

SECTION A: MULTIPLE CHOICE AND TRUE/ FALSE QUESTIONS

(40 Marks)

Question 1: Multiple Choice

(2x10 = 20 Marks)

Write the letter next to the correct answer.

- 1.1. Which of the following does not help extend the life of your vehicle tires?
- a) Regularly checking and adjusting the tire pressure to recommend levels
 - b) Rotating your tires multiple times a year
 - c) Checking the tread on the tires with a "penny test"
 - d) Aligning the wheels once per year
- 1.2. To extend the life of your tires, how often should you rotate them?
- a) Every 1,000 to 2,000 miles
 - b) Every 5,000 to 8,000 miles
 - c) Every 10,000 to 15,000 miles
 - d) Rotating tires doesn't really extend their life
- 1.3. Which of the following is not a factor influencing your car's maintenance schedule?
- a) Extreme hot or cold climate conditions
 - b) Mountainous, dusty or deiced roads
 - c) Towing a trailer or other heavy load
 - d) Make and color of the car
- 1.4. Which of the following is not a classification of maintenance?
- a) Corrective maintenance
 - b) Timely maintenance
 - c) Scheduled maintenance
 - d) Preventive maintenance
- 1.5. The belt of an electric motor is broken, it needs_____.
- a) Corrective maintenance
 - b) Scheduled maintenance
 - c) Preventive maintenance
 - d) Timely maintenance
- 1.6. With the increase in preventive maintenance cost, breakdown maintenance cost_____.
- a) Increases
 - b) Decreases
 - c) Remain same
 - d) Any of the above
- 1.7. A systematic approach for maintenance is
- a) Problem – Cause – Diagnosis – Rectification.
 - b) Problem– Diagnosis – Cause – Rectification.
 - c) Problem – Measure – Diagnosis – Rectification.
 - d) Problem– Diagnosis – Measure – Rectification.
- 1.8. (Down time in hours ÷ Available hours) =
- a) Maintenance effectiveness.
 - b) Frequency of breakdown.
 - c) Effectiveness of maintenance planning.
 - d) None of the above.

- 1.9. Total productive maintenance aims at_____.
- Less idle time
 - Increase in productivity
 - Zero down time
 - None of the above
- 1.10. The factors to consider before buying a truck include_____.
- Crew/drivers per shift
 - Trip distances
 - Number of axles
 - All of the above

Sub-total: 20 marks

Question 2: True/ False

(2x10 = 20 Marks)

State whether the following statements are true or false:

- Vehicle operating expenses include fixed costs, variable costs but not overhead costs.
- Principle of communication involves participation of employees in the budgeting exercise will motivate them to pursue the objectives.
- Vehicle Cash Purchase requires borrowing money from the bank and pay the vehicle cash at the car dealer.
- One of the advantage of using own capital is management of risks and rewards of ownership is in the hands of the company.
- The curtainsider truck is ideal for palletized loads that requires protection from weather.
- The purpose of the fleet strategy is to identify the need for the fleet, helps secure a fleet that is fit for purpose and sets out how an organisation intends to manage its fleet in the future.
- A well-managed maintenance programme makes a vehicle replacement programme works.
- Replacement cycle refer to operating life of a motor car or a freight vehicle with the principle objective of cost maximization.
- When a vehicle reaches the end of its originally projected economic life; after a given period or distance covered is called Predetermined Replacement.
- The economic service life uses a computer programme to determine the point at which a vehicle need to be replaced.

Sub-total: 20 Marks

SECTION B: STRUCTURED QUESTIONS

(60 Marks)

QUESTION 3

- Why should your dealership perform the Preventive Maintenance on your vehicle? 12 Marks
- What does an unscheduled vehicle stop cost you? Why is "Break-Down Maintenance" so problematic? 12 Marks

Sub-total: 24 Marks

Question 4

4.1. Name three categories of deliveries and give any three characteristics of each category? 12 Marks

4.2. What makes a vehicle replacement programme work? 14 Marks

4.3 Discuss the fixed costs incurred during the daily business operation of a transportation company?

10 Marks

Sub-total: 36 Marks

Total: 100 Marks

THE END