



**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: JANUARY 2020	PAPER: THEORY
DURATION: 3 HOURS	MARKS: 100

SECOND OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER:	Ms. Ester Jesaya
MODERATOR:	Ms. Hilma Nuuyandja

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 QUESTIONS AND TRUE/FALSE

(40 MARKS)

Question 1: Multiple Choice

(2x10 = 20 Marks)

Write the letter next to the correct answer.

- 1.1. How can low tire pressure negatively affect your driving?
 - a) Compromised cornering, braking and stability
 - b) Decreased fuel efficiency
 - c) Uneven wear and increased chance of tire failure
 - d) All of the above

- 1.2. If you don't know where to start in creating a maintenance schedule, where is the best place to find specific recommendations for your vehicle?
 - a) A mechanic at an automotive garage
 - b) Reliable online websites and sources
 - c) Your vehicle's owner's manual
 - d) A knowledgeable family member

- 1.3. Maintenance consist of the following action(s):
 - a) Replace of component
 - b) Repair of component
 - c) Service of component
 - d) All of the above

- 1.4. The time elapsed from the point the machine fails to perform its function to the point it is repaired and brought into operating condition is known as_____.
 - a) Down time
 - b) Break Down time
 - c) Both (A) and (B)
 - d) Idle time

- 1.5. The down time cost consists of
 - a) Loss of production.
 - b) Wages paid to the workers.
 - c) Reduction in sales.
 - d) All of the above.

- 1.6. Scheduled maintenance is _____ between breakdown maintenance and the preventive maintenance.
 - a) Joint
 - b) Compromise
 - c) Bridge
 - d) In

- 1.7. Tracking maintenance history cards are meant to record
 - a) The way vehicle behaves.
 - b) Total down time of the vehicle.
 - c) The rate at which different components wear off.
 - d) All of the above.

- 1.8. The ____ goes on increasing with the increase in degree of maintenance efforts.
 - a) Cost of down time
 - b) Cost of spares and maintenance
 - c) Labour and Overhead Cost

d) All of the above

1.9. _____ is one of the factors that influence the financial status of the undertaking.

- a) Stability of sales
- b) Education
- c) Economies of scale
- d) All of the above

1.10. The bank will assess the contract to ensure that the company will generate sufficient funds from operations to pay for the vehicle using which criterion?

- a) Payment Terms
- b) Policy
- c) All of the above
- d) None of the above

Sub-Total: 20 Marks

Question 2: True/False

(2x10=20 Marks)

State whether the following statements are true or false:

- 2.1. Depreciation refers to the interests paid to the bank on the money used to finance the vehicle.
- 2.2. Overhead expenses are paid when the trucks works, influence by the way it is used, driven and looked after.
- 2.3. Budgeting is a very important exercise and it is done thrice a year.
- 2.4. Operating budgets is prepared to determine the day-to-day costs of a department for the next financial year such as labour costs, fuel, depreciation, maintenance and assets.
- 2.5. Lease payments are tax deductible.
- 2.6. One of the disadvantage of using own capital is higher administrative responsibility in terms of invoicing, maintenance and disposal of vehicles at time of replacement.
- 2.7. Maintenance needs to take place in a timely, professional and legal manner to secure a safe and cost effective fleet.
- 2.8. Inaccurate and inappropriate vehicle specification can lead to buying a vehicle that is not suitable for the task it will be required to carry out.
- 2.9. As the vehicle gets older the nature of repairs change from smaller less complicated repairs to larger ones that requires special tooling, greater mechanical skill and more parts inventory.
- 2.10. Older vehicles are also more fuel efficient than newer and more moderns vehicles.

Sub-Total: 20 Marks

SECTION B: STRUCTURED QUESTIONS

(60 Marks)

Question 3

3.1. Name and explain six alternatives that organizations can use to finance their vehicles? 12 Marks

3.2. Identify the truck type in the diagram below and discuss four main features of this truck? 5 Marks



3.3. Mention any seven factors that a fleet organization should consider when buying a truck? 7 Marks

Sub-total: 24 Marks

Question 4

4.1. What is a vehicle replacement cycle? List five advantages of a vehicle replacement cycle? 7 Marks

4.2. Discuss variables/factors that affect decisions of fleet managers to purchase new vehicles?

10 Marks

4.3. Mr Van Wyk is operating a fleet organization that consist of about 60 trucks and mini vans. Mr Van Wyk is currently spending a lot of money in vehicle maintenance programme with his dealership. In order to reduce the maintenance costs of vehicles he decided to open an In-house maintenance programme. Explain to Mr. Van Wyk how the In-house vehicle maintenance works? What are the disadvantages of In-house vehicle maintenance?

9 Marks

4.4. List any ten benefits you can realize with a dealer Preventive Maintenance Program? 10 Marks

Sub-Total: 36 Marks

Total: 100 Marks

THE END