higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)

TRANSPORT ECONOMICS
NQF LEVEL 2

(11020282)

12 November 2018 (X-Paper)
09:00–12:00

This question paper consists of 6 pages.

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TIME: 3 HOURS
MARKS: 100

INSTRUCTIONS AND INFORMATION

1. Answer ALL the questions.
2. Read ALL the questions carefully.
3. Number the answers according to the numbering system used in this question paper.
4. Write neatly and legibly.

NC(V)

SECTION A

QUESTION 1

Indicate whether the following statements are TRUE or FALSE. Choose the answer and write only 'True' or 'False' next to the question number (1.1–1.10) in the ANSWER BOOK.

1.1 Mobility is the ability or desire to obtain something.

1.2 The subdivisions of Transnet include Transnet Freight Rail.

1.3 The transport industry affects the economy of a country.

1.4 The Mediterranean Shipping Company and Grindrod Limited are some of the private water transport market players.

1.5 The production sector in South Africa comprises mining and petroleum only.

1.6 The Bus Rapid Transit System was implemented to take out the taxi industry.

1.7 Efficient transport increases the delivery costs of raw materials to the producer.

1.8 Macroeconomics refers to the process towards a country's strategic economic goals and objectives.

1.9 Transport as a means to an end implies that countries are helped with the alleviation of poverty by increasing access to education while creating jobs.

1.10 Transport as a derived demand allows people to get involved in activities for recreational purposes.

(10 × 1) **[10]**

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QUESTION 2

Choose a word or an item from COLUMN B that matches a description in COLUMN A. Write only the letter (A–F) next to the question number (2.1–2.5) in the ANSWER BOOK.

COLUMN A		COLUMN B	
2.1	Any external factor that affects the demand for, or the price of transport	A	demand
2.2	Goods or services legitimately brought into one country from another country, typically for use in trade	B	pipeline transport
2.3	Focuses on improving safety, accessibility and affordability of the taxi industry	C	market factors
2.4	Inflexible and limited in terms of commodities transported	D	import
2.5	How much of a product or service is required	E	taxi recapitalisation programme
		F	rail transport

(5 × 1) **[5]**

QUESTION 3

Write the following acronyms in full:

3.1 MDG

3.2 GDP

3.3 PRASA

3.4 TNPA

3.5 BRTS

(5 × 1) **[5]**

QUESTION 4

Define the following concepts:

4.1 Transport

4.2 Elasticity

4.3 Balance of trade

4.4 Trade deficit

4.5 Urban sprawl

(5 × 2) **[10]**

TOTAL SECTION A: 30

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SECTION B

QUESTION 5

Read the following case study and answer the questions.

AFRICA'S APP-BASED TAXIS BATTLE UBER OVER MARKET SHARE

Uber, the global ride-sharing company that relies on smartphone technology for dispatch and fee payment, has become the most recognised alternative to traditional taxicabs. Many prefer Uber, launched in the US in 2009, because of its fair prices, quality standards and convenience. The concept has spread globally.

Uber's ambition is to dominate the transportation sector in Africa, but it faces stiff competition from local companies. Unintentionally, Uber triggered the spread of mobile and mapping technology for collecting geospatial data from a mobile vehicle. And the result is that Africa's local tech companies are creating their own apps that provide different types of transportation services.

In 2017, South Africa-based start-up, Where Is My Transport, launched its Transport for Cape Town app, which provides information for those planning journeys, including timetables, traffic incidents and places of interest.

[http://www.bizcommunity.com/Article/410/78/166562.html]

5.1 Name FIVE forces that determine competitive power according to Porter's Five Forces model. (5)

5.2 5.2.1 Identify TWO of Porter's five forces in the scenario above. (1)

5.2.2 Motivate your answer in QUESTION 5.2.1. (6)

5.3 Describe TWO components of South Africa as a two-tiered economy in terms of transport. (4)

5.4 State FIVE non-economic reasons for transport and government investment in transport. (10)

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QUESTION 6

6.1 Name THREE minerals mined in South Africa. (3)

6.2 Compare in table form the historical (pre-1994) and current (post-1994) transport infrastructure to indicate the differences between the following modes of transport:
- Road transport
- Rail transport (6)

6.3 Discuss THREE characteristics of transport as a service. (6)

6.4 Name TWO developing countries. (2)

6.5 Give FIVE benefits of the BRT system in your area or region. (5)
[22]

QUESTION 7

7.1 Define the term *feeder service* with regard to the minibus taxi industry. (2)

7.2 State FIVE factors that demonstrate that transport is not only a service, but also plays an important role in production. (5)

7.3 Differentiate between *customer protection* and *industry protection*. (4)

7.4 Give SEVEN demographic factors that might influence transportation. (7)

7.5 Describe TWO disadvantages of using the GDP value as an indicator of economic activity. (2 × 2) (4)
[22]

TOTAL SECTION B: 70
GRAND TOTAL: 100

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