higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)

TRANSPORT ECONOMICS
NQF LEVEL 3

(11020293)

19 November 2019 (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.

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SECTION A

QUESTION 1

1.1 Complete the following sentences by using the word or term in the list below. Write only the word or term next to the question number (1.1.1–1.1.5) in the ANSWER BOOK.

market failure; ACSA; Cross Border Road Transport; intervention; piracy, economic growth; document; government

1.1.1 One of the most common reasons for … and regulation in the transport sector is probably the maximisation of social welfare.

1.1.2 South Africa is experiencing strong … as a result of government's macro-economic and socio-economic policies.

1.1.3 … arises when competition is either not feasible or does not produce results that are in the interest of all the citizens of the country.

1.1.4 A green paper can be defined as a discussion … that details the specifics of an issue and possible courses of action.

1.1.5 The … Amendment Act No 12 of 2008 is based on the Cross-Border Road Transport Act No 4 of 1998.

(5 × 1) (5)

1.2 Various options are given as possible answers to the following questions. Choose the answer and write only the letter (A–D) next to the question number (1.2.1–1.2.5) in the ANSWER BOOK.

1.2.1 Which ONE of the following is NOT one of the SEVEN critical transport policies?

A Taxi rail policy (TRP)
B Non-motorised transport policy
C Road Accident Fund
D Scholar transport policy

1.2.2 The primary aim and the purpose of TRP is to have a taxi industry that …

A is more expensive.
B puts owners first.
C is safe.
D is uncontrollable.

1.2.3 Aviation policies are generally divided into two distinct areas, namely:

A Domestic policy
B International policy
C Global policy
D A and B

1.2.4 The aim of the National Scholar Transport Policy is to ensure that the mobility needs of all … are met.

A passengers
B scholars
C freight
D public

1.2.5 Transnet's liquid fuels department transports fuel to one of the following provinces:

A Limpopo
B Northern Cape
C Western Cape
D Mpumalanga

(5 × 1) (5)

1.3 Indicate whether the following statements are TRUE or FALSE. Choose the answer and write only 'True' or 'False' next to the question number (1.3.1–1.3.10) in the ANSWER BOOK.

1.3.1 Macro-economic performance is another reason for transport regulation

1.3.2 Transport planning does not necessarily ensure effective social and economic development.

1.3.3 The Road Traffic Management Corporation (RTMC) is one of the agencies of national DoT.

1.3.4 AARTO stands for Administrative Adjudication of Road Traffic Offences.

1.3.5 Collecting and disseminating information relating to safe railway operations is one of the mandates of the Road Safety Act.

1.3.6 Non-motorised transport (NMT) includes all forms of transport that is powered by humans, animals or batteries, as opposed to engines.

1.3.7 According to NATMAP (CSRI, 2012), the taxi industry occupies 16,5% of the passenger transport market.

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1.3.8 The private passengers market includes people who travel by taxi.

1.3.9 ACSA handles about 98% of the country's commercial air traffic.

1.3.10 SANRAL's overall role is to design, construct, manage and maintain SA's national roads.

(10 × 1) (10)
[20]

TOTAL SECTION A: 20

SECTION B

QUESTION 2

2.1 Draw and name the structure of the South African government. (9)

2.2 Describe FOUR models the Department of Transport and its agencies may explore to fulfil their responsibilities. (2 × 4) (8)

2.3 Identify TWO new technologies implemented by ports to combat maritime transgressions and crimes. (2)

2.4 List and explain THREE sectors that have an impact on a country's transport infrastructures. (3 × 2) (6)
[25]

QUESTION 3

3.1 Define the following transport related transgressions.

3.1.1 Piracy

3.1.2 Smuggling

3.1.3 Hijacking

3.1.4 Terrorism

3.1.5 System abuse

(5 × 2) (10)

3.2 Describe the roles and responsibilities of the Passenger Rail Authority (PRASA) agencies. (3)

3.3 Explain THREE main aspects of SAMSA's contribution to the wider economy and public-service provision. (2 × 3) (6)

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3.4 Name SIX air-transport security forums that meet regularly to discuss air-transport related transgressions, policies and procedures (ACSA, 2012). (6)
[25]

QUESTION 4

4.1 Tabulate THREE differences between macro and micro transport economic planning. (3 × 2) (6)

4.2 Read the following abstract and answer the following questions.

> Subject to market discipline, the necessary funding for the establishment and maintenance of transport infrastructure should be arranged through a variety of institutional models.

Describe FOUR models the Department and its agencies may explore to fulfil their responsibilities. (4 × 2) (8)

4.3 Explain FOUR services and control responsibilities of TNPA's. (4 × 2) (8)

4.4 Name FOUR road transport industries currently served by a number of government agencies and public entities. (4 × 2) (8)
[30]

TOTAL SECTION B: 80
GRAND TOTAL: 100

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