higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE (VOCATIONAL)

TRANSPORT OPERATIONS
NQF LEVEL 3

13 November 2024

This marking guideline consists of 4 pages.

Copyright reserved

SECTION A

QUESTION 1

1.1 True
1.2 True
1.3 True
1.4 True
1.5 False
1.6 False
1.7 False
1.8 False
1.9 True
1.10 True

(10 × 1) **[10]**

QUESTION 2

2.1 E
2.2 H
2.3 A
2.4 G
2.5 J
2.6 B
2.7 F
2.8 K
2.9 I
2.10 D

(10 × 1) **[10]**

TOTAL SECTION A: 20

QUESTION 3

3.1 It is the movement of goods in one and the same loading unit or road vehicle, which uses successively two or more modes of transport without handling the goods.

3.2 It includes different divisions for the planning and management of all activities involved in the end-to-end supply chain, including procurement, manufacturing and all logistics management activities.

3.3 It means the intentional, illegal use of the property or funds of another person for one's own use or unauthorised purposes.

3.4 It simply means to go on board.

3.5 It is a specially designed road transport articulated semi-trailer that converts into a rail transport wagon.

(5 × 2) **[10]**

Copyright reserved

QUESTION 4

4.1
- Road Accident Fund (RAF)
- Road Traffic Management Corporation (RTMC)
- Civil Aviation Authority
- South African National Road Agency
- Cross-border Road Transport Agency (5 × 1) (5)

4.2
- Ticket vending machine – a smartcard holder can purchase a right to travel from a self-service machine.
- Fare gates – often used at a train station so a smartcard holder can gain access to a paid area where travel services are provided.
- Stand-alone validator – used to confirm that the smartcard holds an appropriate travel right.
- On-vehicle validator – used by a smartcard holder to confirm travel rights and board a vehicle (for example bus, tram or train).
- Handheld electronic inspector – used by staff to verify travel rights. (5 × 2) (10)

4.3
- Cost of fares – it is often influenced by the route that the transport carrier has to follow. The longer the route, the more expensive the journey.
- Travel time – when planning routes, it is crucial that variables such as distance to and from the stop are considered.
- Reliability on route – may be impacted by things such as poor road surface and traffic delays.
- Convenience – the operating hours, number, transfers and fare collection system must be considered.
- Speed of service – minimising passengers' time and energy plays a major role in transport planning. (5 × 2) (10)

4.4
- The repeal, consolidation and amendment of the aviation laws giving effect to certain international aviation conventions
- The control and regulation of aviation within the republic
- The establishment of the South African Civil Aviation Authority with safety and security oversight functions
- The establishment of the independent Aviation Safety Investigation Board in compliance with annex 13. (4 × 2) (8)

[33]

QUESTION 5

5.1
- The biggest challenge is to make taxi transport safe, efficient and affordable.
- Government has taken considerable steps to regulate the minibus taxi industry in the best interest of public safety.
- Taxis are often seen as unsafe and operate in a way that is abusive to passengers.
- Illegal operators in the industry have contributed to violence in the industry.
- Detailed accident data is not available for this category.
- Roadworthiness and drivers' attitudes are the most important aspects to address in the effort to improve the safety of commuters in the industry.

(5 × 2) (10)

5.2 The ability to deliver at any site
Flexible in terms of scheduling (it can do door to door) (2 × 2) (4)

5.3
- Routing the bags and suitcases, so that the system knows where the luggage should be sent
- Helping passengers identify their own belongings among similar ones
- Enabling the identification and tracking of lost luggage (Any 2 × 1) (2)

5.4
- Short distance
- Metered taxi and long-haul services (Any ONE) (1)

[17]

QUESTION 6

CHARACTERISTICS	RAIL	ROAD	PIPELINE	AIR	WATER
Door-to-door service	Sometimes	Yes	Sometimes	No	Sometimes
Price	Low	High	Very low	Very high	Very low
Speed	Slow	Medium	Slow	Very fast	Very slow
Reliability	Medium	Medium	Very high	Very high	Low
Flexibility	Low	High	Very low	Very low	Low

[20]

TOTAL SECTION B: 80
GRAND TOTAL: 100

Copyright reserved