



MODULE : **TRANSPORT ECONOMICS 2B**
CODE : **VVR2B01/TRE22B2**
DATE : **12 JANUARY 2016**
DURATION : **180 MINUTES**
TOTAL MARKS : **180**

EXAMINER : **MS S NABEE AND MS E KRIEL**
MODERATOR : **MR GJ HEYNS**
NUMBER OF PAGES : **7 PAGES**

INSTRUCTIONS TO CANDIDATES:

- Answer all the questions
- Multiple choice questions must be answered on an MCQ sheet
- 2 different coloured books
- Question papers must be handed in.
- This is a closed book assessment.
- Read the questions carefully and answer only what is asked.
- Number your answers clearly.
- Write neatly and legibly
- Structure your answers by using appropriate headings and sub-headings.
- The general University of Johannesburg policies, procedures and rules pertaining to written assessments apply to this assessment.

SECTION B: AIR TRANSPORT [75 MARKS]**QUESTION B1****(25 Min.: 25 Marks)**

The airline is termed to be oligopolistic. Define oligopoly and describe the characteristics of the airline industry as well as the other unique economic characteristics of the airline industry.

QUESTION B2**(8 Min.: 8 Marks)**

Describe the determinants of elasticity in air transport.

QUESTION B3**(12 Min.: 12 Marks)**

- 3.1 Distinguish between three types of cargo carriers (air transport) (6)
- 3.2 List six (6) types of airfreight rates.

QUESTION B4**(15 Min.: 15 Marks)**

Describe the fleet planning process a typical airline should consider.

QUESTION B5**(15 Min.: 15 Marks)**

Site selection is an important step in airport planning. List at least 15 factors to consider when evaluating a possible site for an airport.

PLEASE USE NEW BOOK

SECTION C: MARITIME TRANSPORT [60 MARKS]**QUESTION C6****(10 Min.: 10 Marks)**

Associated with liner conferences are deferred rebate and contract systems. **Define** Deferred rebate systems (5) and Contract systems (5).

QUESTION C7**(10 Min.: 10 Marks)**

The 2050 Vision for the Durban-Gauteng Freight corridor is a strategy based on economic growth. **Analyse the current economic situation** in South Africa in relation to the development of Durban port.

QUESTION C8**(10 Min.: 10 Marks)**

The method of stowage depends primarily on the characteristics of the cargo. Explain the type of **stowage** suitable for the following products.

- 8.1 Sugar (2)
- 8.2 Oranges (2)
- 8.3 Ores (iron ore, copper) (2)
- 8.4 Fertiliser (2)
- 8.5 Meat (2)

QUESTION C9**(10 Min.: 10 Marks)**

Mediterranean Shipping Company (MSC) is the second largest shipping company in the world. Discuss the **development of MSCs logistics services**.

QUESTION C10**(15 Min.: 15 Marks)**

Provide a **brief overview** of the maritime industry according to the Review of Maritime Transport 2015. Your answer must include a discussion of the following:

- 10.1 World seaborne trade (5)
- 10.2 The world fleet (3)
- 10.3 Freight costs (2)
- 10.4 Ports (5)

QUESTION C11**(5 Min.: 5 Marks)**

Discuss the **influence of canals** on ship design.

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