



<b>FACULTY/COLLEGE</b>	College of Business and Economics
<b>DEPARTMENT</b>	Transport and Supply Chain
<b>CAMPUS(ES)</b>	APB
<b>MODULE NAME</b>	TRANSPORT 3A
<b>MODULE CODE</b>	TRA03A3/TRA3A01
<b>SEMESTER</b>	First
<b>ASSESSMENT OPPORTUNITY, MONTH AND YEAR</b>	Final Summative Assessment Opportunity June 2019

<b>ASSESSMENT DATE</b>	1 JUNE 2019	<b>SESSION</b>	12:30 – 14:30
<b>ASSESSOR(S)</b>	Ms K Molokomme		
<b>MODERATOR(S)</b>	Mrs C Celliers (internal) Dr L Petkoon (external)		
<b>DURATION</b>	3 hours (180 min)	<b>TOTAL MARKS</b>	100

<b>NUMBER OF PAGES OF QUESTION PAPER (Including cover page)</b>	10
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**INFORMATION/INSTRUCTIONS:**

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- This is a closed-book assessment.
  - Answer each question.
  - Read the questions carefully and answer only what is required.
  - Number your answers clearly and correctly as per the question paper.
  - Write neatly and legibly on both sides of the paper in the answer book, starting on the first page.
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**COMPLETE THE FOLLOWING STUDENT DETAILS:**

INITIALS: \_\_\_\_\_ SURNAME: \_\_\_\_\_ STUDENT NUMBER: \_\_\_\_\_

CONTACT NUMBER: \_\_\_\_\_

**PERCENTAGE**

SECTION A

[14 MARKS]

QUESTION 1

Complete the following diagram below.

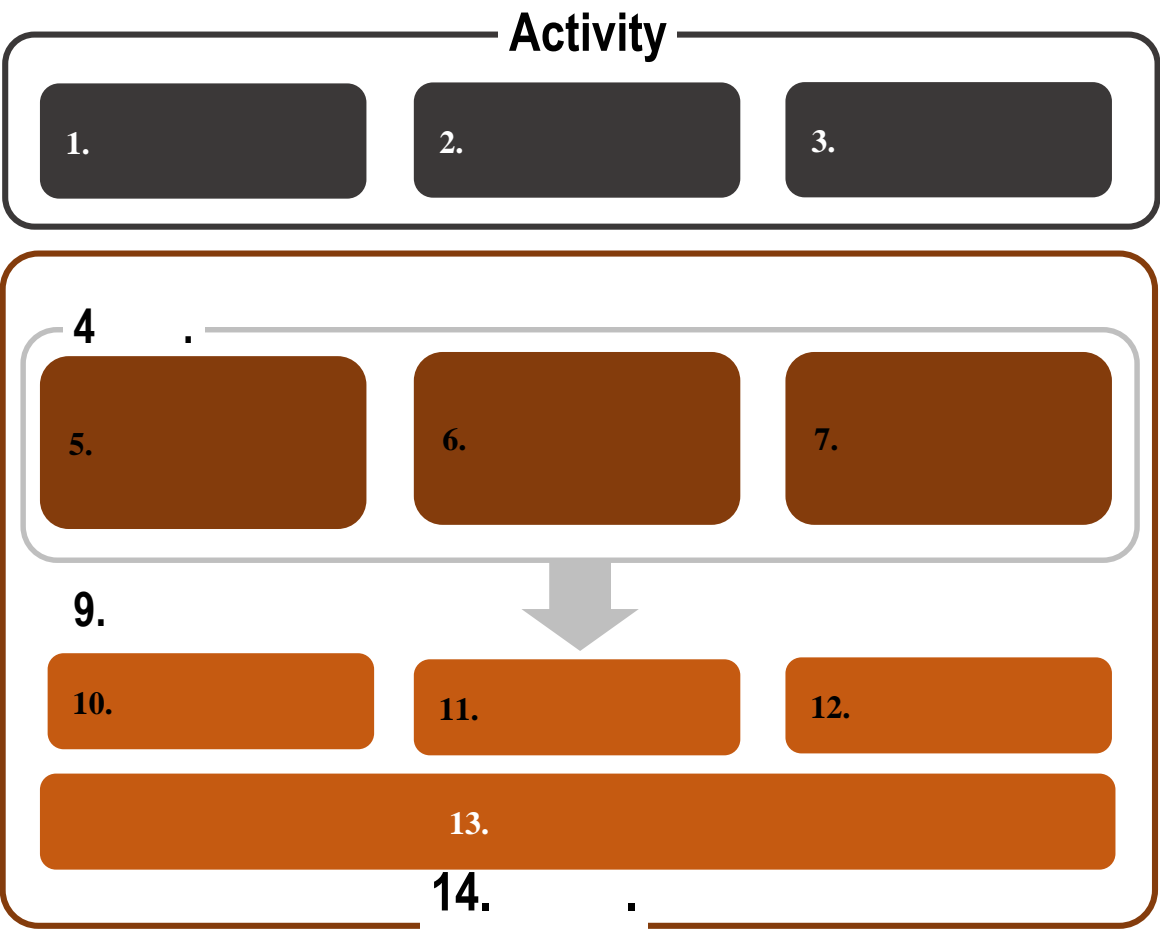


Figure 1.2 Transportation as a derived demand.

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2.
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13.
14.

**SECTION B**

**[32 MARKS]**

**Question 1**

1.1 A three-four flight often requires often requires to be planned several weeks in advance and its full realization can take twice as much time if all the related logistical activities are considered. Any movement must thus consider its geographical setting, which in turn is linked to spatial flows and their patterns.

Identify and explain the four (4) major concept of flow components.

**(8 Marks)**



1.2 Identify and explain with practical examples the three (3) basic spatial constraints of the terrestrial space. **(9 Marks)**


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1.3 Significant reductions in transport and communication costs occurred concomitantly. There is thus a relationship between space/time convergence and the integration of a region in global trade.

Identify and explain with practical examples five (5) major factors that are of particular relevance in the space/time relationships.

**(15 Marks)**


**Question 2**

**[17 MARKS]**

2.1 Identify and explain with practical examples three (3) economic impacts of transportation infrastructure. **(9 Marks)**

2.2 List and explain the four (4) major impacts of transport on economic factors.

**(8 Marks)**


**Question 3**

**[21 MARKS]**

3.1 List and explain three (3) conditions to ensure that some modes complement each other.

**(6 Marks)**

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3.2 Discuss the spatial economy of rail transportation.

**(10 Marks)**

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3.3 List five (5) types of operations serviced by the air freight market. **(5 Marks)**


**Question 4**

**[16 MARKS]**

4.1 Identify and explain two (2) major issues involved in the location dynamics of rail terminals. **(4 Marks)**


4.2 Identify and explain with practical examples the four (4) major terminals rail freight terminals perform. **(12 Marks)**
