

Duration:

3 hours

Total Marks:

100

Examiner:

Olga Mapanje

INSTRUCTIONS TO CANDIDATES

- 1. Answer ALL the FIVE questions in this question paper.
- 2. Start the answer to each full question on a fresh page.
- 3. Each question carries 20 marks.
- 4. This question paper comprises 4 printed pages including cover page.

5. SPECIAL REQUIREMENTS : CALCULATOR, AND RULER

MARK ALLOCATION

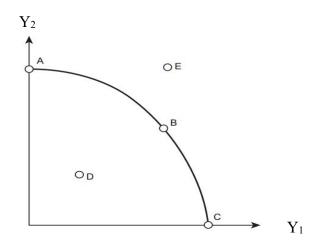
QUESTION	MARKS
SECTION A	40
SECTION B	60
TOTAL ATTAINABLE MARKS	100

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QUESTION 1

i.

- a) Explain using **mathematical formula and graphical presentations** the following technical relationships:
 - Factor- Factor [5]
 - ii. Factor- Product [5]
- b) The diagram below shows a typical Production Possibility Curve (PPC):



- i. What does a PPC represent? [2]ii. What is represented by points A, B, C, D and E on the PPC? [5]
- c) The table below represents points on a farmer's Production Possibility Curve.

Maize (kg)	Wheat (kg)
1000	0
900	100
800	200
700	300

What is the opportunity cost of increasing the production of maize from 700 kg to 900 kg? [3]

QUESTION 2

[4]
he change in quantity demanded and
[2]
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[2]
[2]
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- d) The elasticity of demand for tomatoes is 0.6. If the price of tomatoes increases from \$2/kg to \$3/kg, what will the impact be on the quantity demanded of tomatoes? [4]
- e) Explain the importance of the concept of Elasticity of Demand in determining the following:

i. Producer Price		[2]	
••	0	D 1' '	[0]

- ii. Government Policies [2]
- iii. International Trade [2]

QUESTION 3

a) W	Vrite short notes on the following economic concepts:	
i.	Optimization	[2]
ii.	Model	[2]
iii.	Resources	[2]
iv.	Scarcity	[2]

- b) Mrs Sibanda produces broiler chickens and sells them at a monopolistically competitive market in Bulawayo.
 - i. Give any 5 characteristics of a firm under monopolistic competition. [5]
 - State and explain any 3 factors that could shift Mrs Sibanda's supply curve for the broiler chickens. [3]
- c) Suppose that in a perfectly competitive market for maize, the government decides to set a **price floor**:
 - i. Draw and label a diagram to show the price floor set by the government. [2]
 - ii. Discuss the effects of the price floor on the maize market. [2]

QUESTION 4

a) Tawanda's favourite drink is coffee because it helps him stay alert at school. The following table shows Tawanda's total utility for each cup of coffee he drinks during a typical day. It is assumed that Tawanda is a consumer with rational behaviour:

Cups of Coffee consumed per day	Total Utility	Marginal Utility
0	0	
1	5	
2	9	
3	12	
4	14	
5	15	

	i.	Copy and complete the table by calculating the marginal utility	[6]
	ii.	Explain what is meant by 'rational behaviour' of consumers.	[2]
b)	What	is an indifference curve?	[2]

c) For Tawanda, Ricoffy and Nescafe are **perfect substitutes**; coffee and tea are **imperfect substitutes**; coffee and sugar are **perfect complements**. Draw separate indifference curves to illustrate:

i.	Ricoffy and Nescafe	[2]
ii.	Coffee and Tea	[2]
iii.	Coffee and Sugar	[2]
Give four properties of an indifference curve.		[4]

QUESTION 5

d)

a)	Give one difference between Keynesian and Classical Economics.	[2]
b)	Assume a closed economy with firms, the government and households. Draw	and
	correctly label a circular flow diagram for this scenario.	[8]
c)	What is the difference between Gross Domestic Product (GDP) and Gross Nat	ional
	Product (GNP)?	[2]
d)	Identify two methods of calculating GDP.	[2]
e)	Giving an example from agriculture, explain what a negative externality is.	[3]
f)	Discuss the role of the government in protecting the society from neg	ative
	externalities.	[3]