

Please check the examination details below before entering your candidate information

Candidate surname

Other names

Centre Number

Candidate Number

Pearson Edexcel International GCSE

Wednesday 24 May 2023

Afternoon (Time: 1 hour 30 minutes)

Paper
reference

4EC1/01

Economics

Level 1/2

PAPER 1: Microeconomics and Business Economics

You do not need any other materials.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **ALL** questions.
- Answer the questions in the spaces provided
– *there may be more space than you need.*
- Calculators may be used.
- You are advised to **show all your working out** with **your answer clearly identified** at the **end of your solution**.

Information

- The total mark for this paper is 80.
- The marks for **each** question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ►

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Answer ALL questions. Write your answers in the spaces provided.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

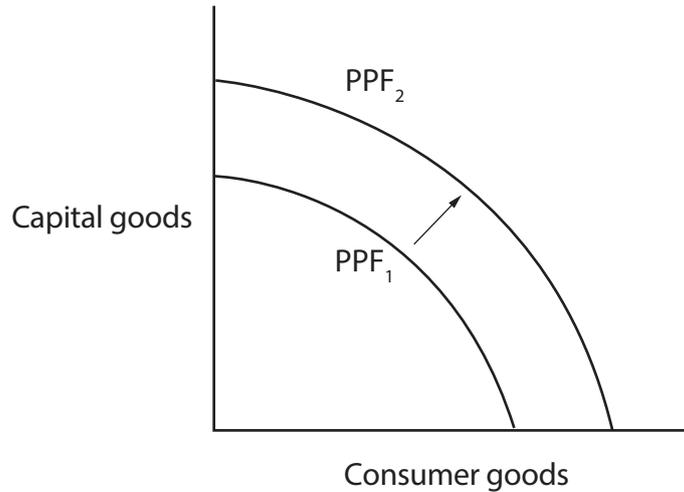


Figure 1

- 1 (a) Which **one** of the following might have caused the movement from PPF₁ to PPF₂ in Figure 1 above? (1)
- A Negative economic growth
 - B Positive economic growth
 - C Diseconomies of scale
 - D Economies of scale
- (b) A firm has total costs of \$10 000 and sells each item at a price of \$100. It sells 200 items. What is the **profit or loss** for the firm? (1)
- A \$20 000 profit
 - B \$10 000 profit
 - C \$20 000 loss
 - D \$10 000 loss



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(c) What is meant by the term privatisation?

(2)

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(d) State **one** reason why the government regulates competition in the economy.

(1)

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(e) Define the term congestion.

(1)

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Figure 2 shows some of the monthly production costs for a firm which makes furniture.

| Production costs | € |
|------------------------------------|--------|
| Rent | 30 000 |
| Raw materials | 16 500 |
| Insurance | 7 000 |
| Labour (payment depends on output) | 95 000 |

Figure 2

- (f) Calculate the **total variable costs** for the firm each month. You are advised to show your working.

(2)

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Figure 3 shows the market for apples.

- (g) Using the diagram below, draw the likely effects on the market for apples following an increase in the advertising of apples. Label the new curve, the new equilibrium price and the new equilibrium quantity.

(3)

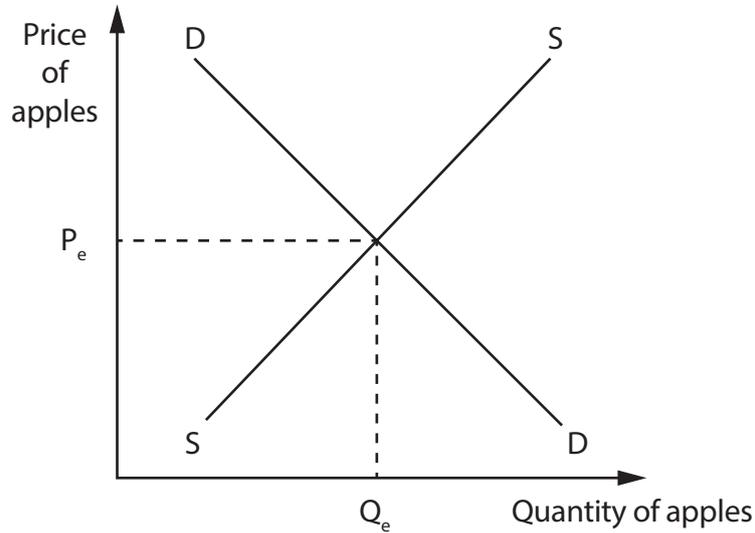


Figure 3

A firm produces tennis balls. There are a number of stages in the process of producing tennis balls. The firm uses division of labour in its factory.

- (h) Explain **one** advantage of using division of labour for the firm.

(3)

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(Total for Question 1 = 20 marks)

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2 (a) Which **one** of the following would occur when there are unsold goods in a market? (1)

- A Excess demand
- B Excess supply
- C Higher prices
- D Increased productivity

(b) Which **one** of the following statements is correct? (1)

- A The supply curve is always vertical
- B Supply and price are not related
- C Quantity supplied will fall when price falls
- D An increase in price will shift the supply curve

(c) State the name for price elasticity of demand (PED) with a numerical value of -1 . (1)

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A factory producing shoes calculated that quantity supplied decreased by 2.7% following a price decrease of 1.9%.

(d) Calculate, to two decimal places, the **price elasticity of supply (PES)** for shoes. You are advised to show your working. (2)

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(Total for Question 2 = 20 marks)



3 Income elasticity of demand (YED) for a product is -0.43 and the price elasticity of demand (PED) for the same product is -0.27 .

(a) The data above shows that the product is

(1)

- A an inferior good and demand is price inelastic
- B an inferior good and demand is price elastic
- C a normal good and demand is price inelastic
- D a normal good and demand is price elastic

(b) The formula for social benefits is

(1)

- A private costs + private benefits
- B private benefits – private costs
- C private benefits + external benefits
- D private costs – external costs



(c) On the diagram below, draw the effects of a decrease in the retirement age on the labour market in a country. Label the new curve, the new equilibrium wage rate and the new equilibrium quantity of workers employed.

(3)

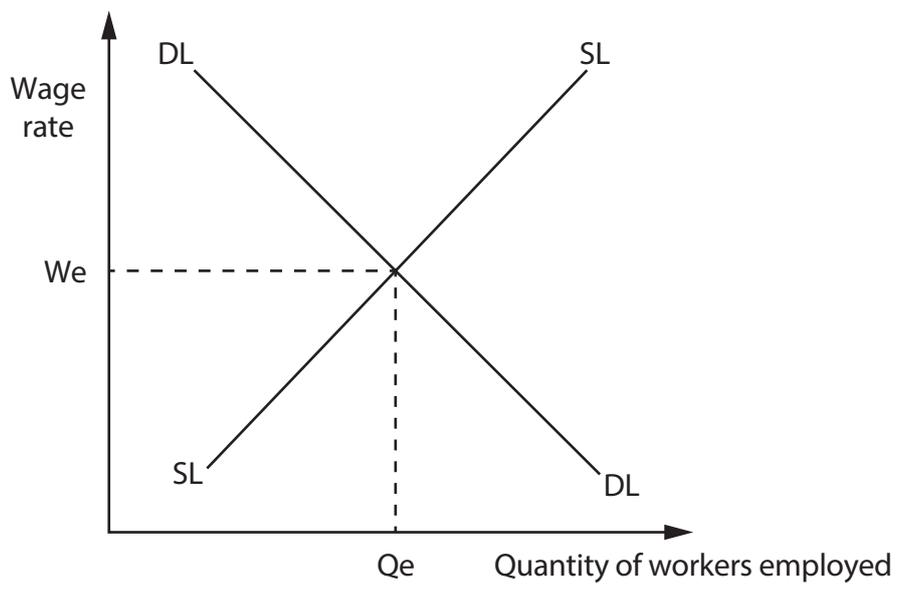


Figure 4

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(Total for Question 3 = 20 marks)



4 A sports arena in Guatemala holds a maximum of 20,000 people for each event. The quantity of tickets demanded for the most recent events is shown below.

| Event | Quantity of tickets demanded |
|-------|------------------------------|
| A | 22,200 |
| B | 21,000 |
| C | 20,250 |

Figure 5

(a) Calculate the **excess demand** for tickets if the quantity supplied for all three events totals 60,000. You are advised to show your working.

(2)

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Zambia has a defence force that includes both an army and an air force. The Zambian Government is responsible for the provision of this defence force.

- (b) With reference to the data above and your knowledge of economics, analyse why the free rider problem has led to the Zambian Government providing the defence force.

(6)

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TOTAL FOR PAPER = 80 MARKS



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