

Please check the examination details below before entering your candidate information

Candidate surname

Other names

Centre Number

Candidate Number

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## Pearson Edexcel International GCSE (9–1)

**Thursday 31 October 2024**

Morning (Time: 1 hour 30 minutes)

Paper  
reference

**4WEC1/01**

### Economics (Modular)

#### UNIT 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 .**

1 (a) Which **one** of the following is a definition of opportunity cost?

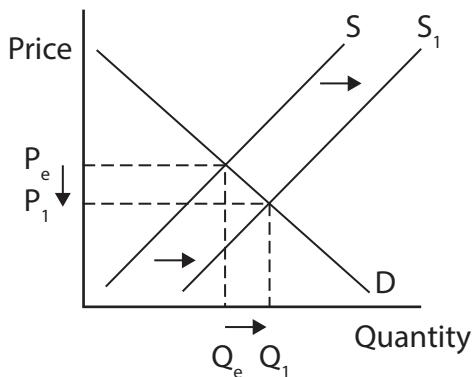
(1)

- A Rivalry that exists between firms
- B Investment in capital goods
- C The next best alternative given up
- D Unused resources

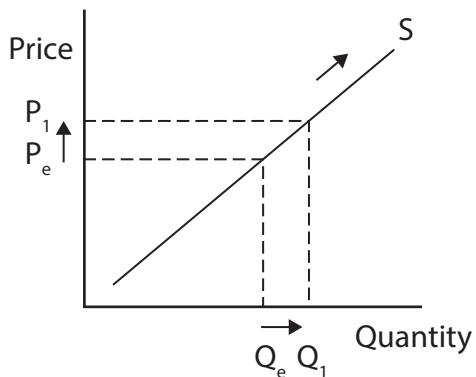
(b) Which **one** of the following diagrams shows the likely effect on the market for cars after an increase in subsidies to car manufacturers?

(1)

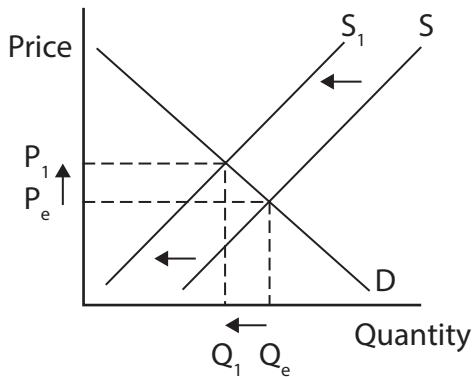
A



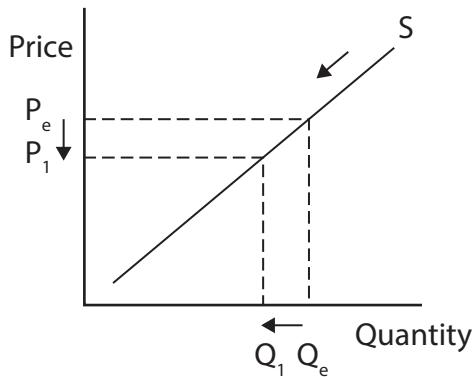
B



C



D



(c) What is meant by the term external benefit?

(2)

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(d) State **one** factor of production.

(1)

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(e) Define the term takeover.

(1)

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(f) Calculate, to two decimal places, the **income elasticity of demand (YED)** for a good if income decreases by 4.4% and quantity demanded decreases by 2.7%. You are advised to show your working.

(2)

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Figure 1 shows the market for rice.

(g) Using the diagram below, draw the likely effect of a decrease in the population on the market for rice. Label the new curve, the new equilibrium price and the new equilibrium quantity.

(3)

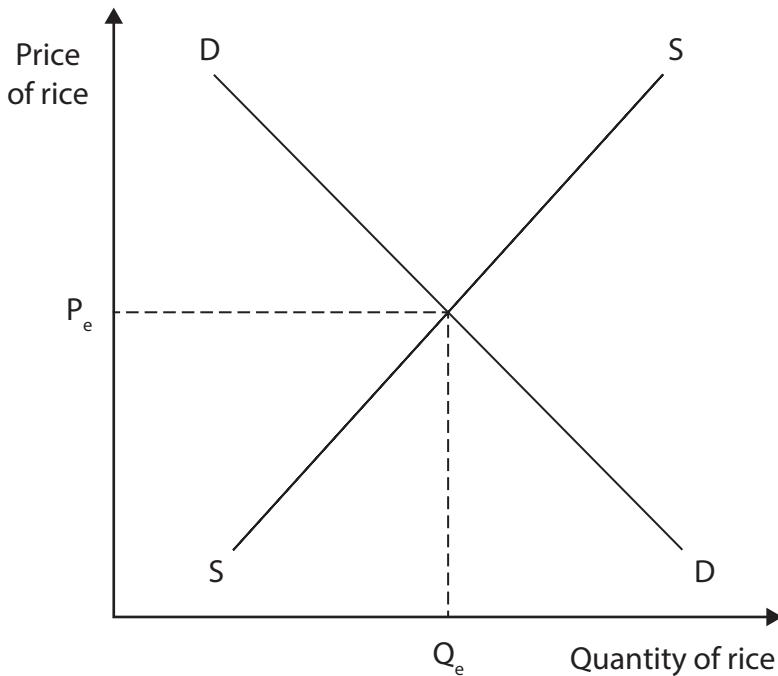


Figure 1



Six months after the price for a soft drink increased, its price elasticity of demand (PED) changed from  $-1.5$  to  $-2.0$ .

(h) Explain **one** reason why demand for a product, such as a soft drink, usually becomes more price elastic over time.

(3)



DeVito's is a pizzeria in Luxembourg. In 2023, DeVito's expanded, opening a number of similar pizzerias in different locations throughout the country.

Since the expansion, workers have complained they do not enjoy the job, as they have little supervision and feel unappreciated for the long hours worked. The managers have little time at each pizzeria, as they have more locations to visit. As a result, workers are less motivated, more mistakes are made and pizzas are thrown away. Therefore, productivity has been reduced.

(i) With reference to the data above and your knowledge of economics, analyse why DeVito's might be experiencing diseconomies of scale.

(6)



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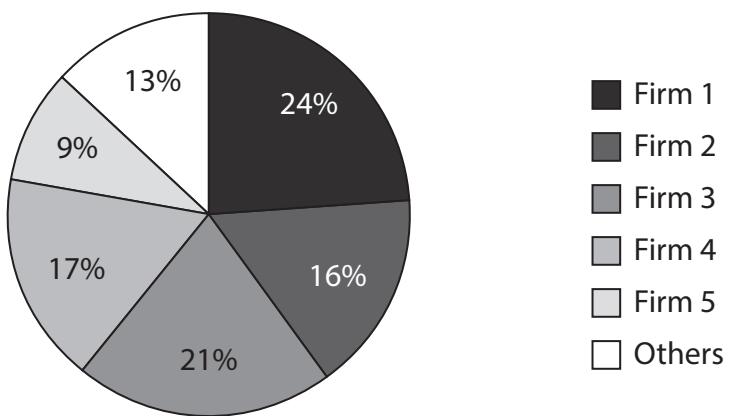
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**(Total for Question 1 = 20 marks)**



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**Market share by sales of firms in a market in Kuwait**



**Figure 2**

(a) Which **one** of the following options is the most suitable term for the type of market shown in Figure 2?

(1)

- A Monopoly
- B Oligopoly
- C Public sector
- D Labour

(b) Which **one** of the following is a reason why consumers may not maximise their benefit?

(1)

- A Consumers may not accurately calculate benefits
- B Consumers may find it easy to give up habits
- C Consumers never copy the behaviour of others
- D Rational decisions are always made by consumers

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Figure 3 shows some of the production costs in the month of September for a firm manufacturing rugby souvenirs in France, in preparation for the 2025 Six Nations tournament.

Production costs	Euro (€)
Rent	7 000
Raw materials	3 000
Advertising	1 300
Labour (paid according to output)	18 000

**Figure 3**

(c) Calculate the **total variable costs** for the firm in the month of September.  
You are advised to show your working.

(2)

(d) What is meant by the term total revenue?

(2)



(e) Describe **one** feature of a monopoly.

(2)

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In 2023, the Italian Government introduced legislation to increase the number of taxis available to the public.

(f) Explain **one** reason why the Italian Government may have introduced legislation that makes it easier for new taxi firms to enter the market.

(3)

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In April 2023, 2.5 million German transport workers and their employers agreed to a deal that ended a dispute. The dispute had caused major disruption on railways and at airports, due to strike action.

Although Germany's second largest trade union, Verdi, had been arguing for a 10.5% increase in pay, each worker instead received a 5.5% increase.

(g) With reference to the data above and your knowledge of economics, assess the effectiveness of trade unions in increasing wages, such as for the transport workers in Germany.

(9)



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**(Total for Question 2 = 20 marks)**



3 (a) Which **one** of the following is most likely to cause a shift to the left of the demand curve?

(1)

- A Increased advertising
- B Cost reductions
- C Increased indirect taxes
- D Decreased incomes

(b) Which **one** of the following best describes the type of goods with an income elasticity of demand (YED) of  $-1.3$ ?

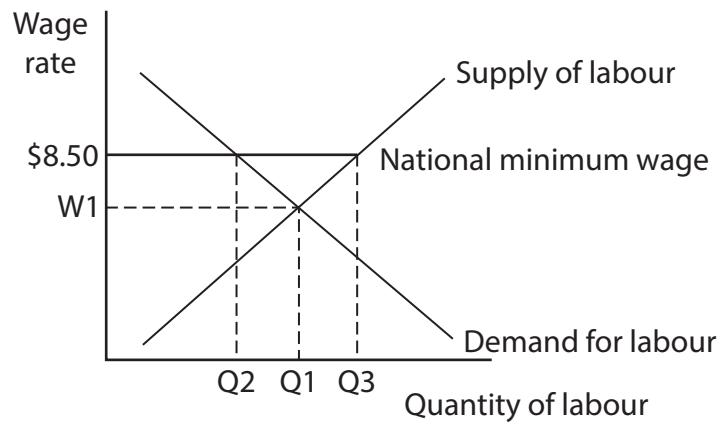
(1)

- A Inferior
- B Unitary
- C Luxury
- D Normal

(c) In the box below, draw a production possibility curve (PPC) for a firm that can produce shampoo and/or toothpaste. On your PPC, draw and label what would happen if production of toothpaste was increased.

(3)





**Figure 4**

In 2021, the national minimum wage in Barbados was increased from \$6.25 per hour to \$8.50 per hour.

(d) With reference to the data above and your knowledge of economics, analyse the likely impact of an increase in the national minimum wage on the supply of labour in Barbados.

(6)



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The education level of a worker is likely to have an effect on their ability in the workplace.

When a person migrates to another country, they bring with them whatever knowledge, skills and information they possess.

(e) With reference to the data above and your knowledge of economics, assess the importance of the quality of labour on productivity in a country.

(9)



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**(Total for Question 3 = 20 marks)**



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4 A factory has been unable to meet the demand for its product due to a shortage of raw materials. The quantity demanded for the product during each of the first three months of 2024 is shown in Figure 5.

Month	Quantity of products demanded
January	13,600
February	14,200
March	11,700

**Figure 5**

(a) Calculate the **excess demand** for the product for the first three months of 2024, if the quantity supplied during each month was 11,000 (33,000 in total). You are advised to show your working.

(2)



Hiking is a popular activity for visitors to the Caribbean island of Saint Vincent. Tourists can hire a guide to accompany them on the popular route of La Soufrière Volcano by booking online before arriving on the island and the price is \$34. However, the price is only \$20 if the guide is booked directly on arrival. Some tourists have complained because they did not know this was possible.

(b) With reference to the data above and your knowledge of economics, analyse a possible reason why the market for tourism services is an inefficient allocation of resources.

(6)



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More than 10 million motor vehicles are produced each year in the US. The industry employs nearly one million people to manufacture the vehicles and about 1.7% of the entire US workforce is employed in the motor vehicle industry as a whole.

The majority of motor vehicles are powered by fossil fuels which are a major source of air pollution in the country. In addition to the environmental harm, exhaust fumes from the vehicles cause serious risks to health, particularly for children.

To help reduce this, US Government legislation will require at least 67% of new cars to be powered by electric batteries instead of fossil fuels, by 2032.

(c) With reference to the data above and your knowledge of economics, evaluate the extent to which the costs of motor vehicles in the US can be classed as external costs.

(12)



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**(Total for Question 4 = 20 marks)**

**TOTAL FOR PAPER = 80 MARKS**



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### Acknowledgements

Question 2(g) Source: adapted from <https://www.reuters.com/world/europe/german-public-sector-workers-agree-wage-deal-with-employers-2023-04-22/>

Question 3(e) Source: adapted from <https://blogs.lse.ac.uk/businessreview/2018/06/05/migrants-are-key-to-productivity-gains-for-countries/>

Question 4(c) Source: adapted from <https://www.statista.com/statistics/276474/automotive-industry-employees-in-the-united-states-by-sector/>

