



Oxford Cambridge and RSA

# Wednesday 18 May 2022 – Afternoon

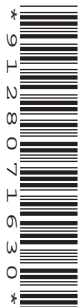
## GCSE (9–1) Economics

### J205/01 Introduction to Economics

**Time allowed: 1 hour 30 minutes**

**You can use:**

- a scientific or graphical calculator
- an HB pencil



Please write clearly in black ink. **Do not write in the barcodes.**

Centre number

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Candidate number

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First name(s)

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Last name

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### INSTRUCTIONS

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. You can use extra paper if you need to, but you must clearly show your candidate number, the centre number and the question numbers.
- Answer **all** the questions.

### INFORMATION

- The total mark for this paper is **80**.
- The marks for each question are shown in brackets [ ].
- Quality of extended response will be assessed in questions marked with an asterisk (\*).
- This document has **20** pages.

### ADVICE

- Read each question carefully before you start your answer.

## 2

## Section A

Answer **all** the questions in this section.

**Write your answer for each question in the box provided.**

**1** Which of the following refers to the role of the consumer?

- A** Acts as the end-user of a good or service
- B** Acts to protect buyers of goods and services
- C** Can decide what goods and services to supply
- D** Can introduce regulations about goods and services

Your answer

**[1]**

**2** What is meant by unlimited wants?

- A** Goods which do not have an opportunity cost
- B** Resources which are essential for survival
- C** The ability to buy whatever is required
- D** The infinite desire for goods and services

Your answer

**[1]**

**3** Prices change to show where resources are needed. This process is called

- A** efficiency
- B** rationing
- C** signalling
- D** transmission of preferences

Your answer

**[1]**

3

- 4 Which of the following is the **best** explanation of equilibrium price and quantity?
- A Price is the interaction of demand and supply to set the quantity
  - B Price is unlikely to change given existing demand and supply conditions
  - C Quantity has the same percentage change as any price change
  - D Quantity is fixed in relation to changes in demand and supply movements

Your answer

☐

[1]

5

Age of driver	Cost of insurance (£)
20	1302
30	756
40	662
50	534

The table shows the cost of insurance for a car, depending on the age of the driver. Which of the following statements is correct?

- A A 20-year-old driver pays twice as much as a 50-year-old driver
- B A 30-year-old driver pays £500 less than a 20-year-old driver
- C The smallest change in insurance payment is between the ages of 30 and 40
- D The largest percentage change in insurance payment is between the ages of 40 and 50

Your answer

☐

[1]

- 6 As a result of its growth, a business can now afford to advertise on local radio. This is an example of which economy of scale?
- A Financial
  - B Increased dimensions
  - C Marketing
  - D Purchasing

Your answer

☐

[1]

4

- 7 A village is over 10 miles away from the nearest two towns. The village shop sells bread. For someone living in the village wanting to buy bread, the shop is a

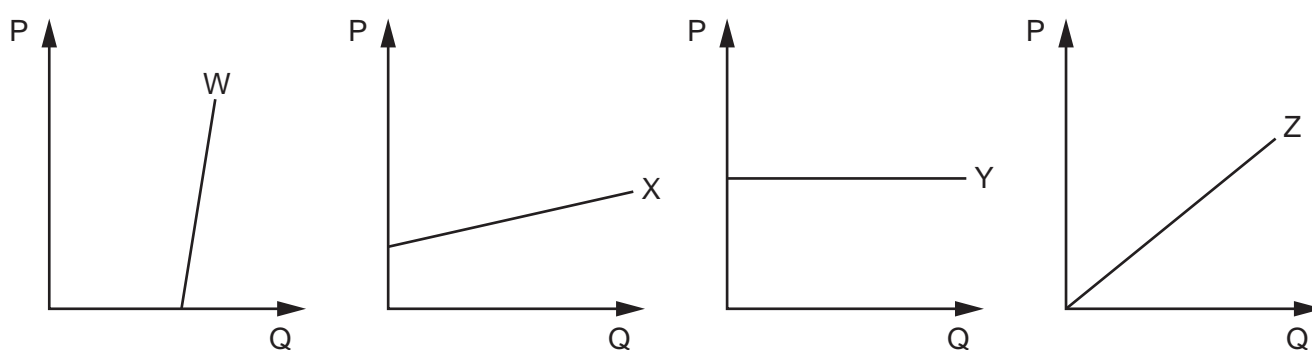
- A competitor
- B monopolist
- C oligopolist
- D specialist

Your answer

☐

[1]

8



Which of the diagrams shows a supply curve with a unitary elasticity of supply?

- A W
- B X
- C Y
- D Z

Your answer

☐

[1]

- 9 Which of the following is the **best** explanation of the difference between price and worth?

- A Price is determined by the interaction of demand and supply whereas worth is how consumers indicate their choices
- B Price is how resources are efficiently distributed whereas worth is the opportunity cost of using the resources
- C Price is the cost of a product whereas worth is how that price is determined by the market
- D Price is the sum of money needed to pay for a product whereas worth is how much someone values the product

Your answer

☐

[1]

5

10 Medium of exchange refers to anything that sets the

- A cost of goods and services acceptable to all parties in a transaction
- B payment of goods and services acceptable to all parties in a transaction
- C price of goods and services acceptable to all parties in a transaction
- D the standard of value of goods and services acceptable to all parties involved in a transaction

Your answer

☐

[1]

11 When is a cut in the rate of interest **most likely** to lead to an increase in investment?

- A When consumer confidence is low
- B When firms do not expect an increase in demand
- C When firms know that there is a lack of available credit
- D When there is an increase in exports

Your answer

☐

[1]

12 Enterprise requires the individual concerned to organise the

- A factors of production to minimise the opportunity cost
- B market for the factors of production
- C production and to bear the risks of the project
- D risk involved in borrowing the necessary finance

Your answer

☐

[1]

13 The market supply curve for goods and services normally slopes upwards. Which of the following **best** explains the reason for this?

- A Average costs of production fall as output increases
- B Higher prices attract new firms to the market
- C Opportunity costs of not producing rise as output increases
- D Production costs fall as output increases so profits rise

Your answer

☐

[1]

6

14 The prices of branded goods, such as Heinz baked beans, are usually higher than a supermarket's own label. This is likely to be due to

- A higher advertising costs
- B higher productivity
- C lower average costs
- D lower profit margins

Your answer ☐

[1]

15 Excess demand is corrected in a market by changes in

- A price
- B quantity
- C resource allocation
- D taxes

Your answer ☐

[1]

16 Firms need to survive in a market. Which of the following is an example of a suitable method to survive?

- A Encourage existing customers to return
- B Enter into competition with consumers
- C Provide an external economy of scale
- D Reduce total supply

Your answer ☐

[1]

17 Which of the following services is **only** provided by the UK government?

- A Education
- B Health
- C Police
- D Prisons

Your answer ☐

[1]

7

**18** Market demand is the total demand for goods and services as a result of

- A** adding together all individual demand
- B** adding together direct and indirect demand
- C** changes in prices at each quantity
- D** consumers' willingness and ability to buy

Your answer

☐

**[1]**

**19**

<b>Total output</b>	<b>Total revenue (£)</b>
1	10
2	18
3	24
4	28

The table shows the total revenue of a firm. If output increases from 1 to 4, what is the change in the firm's average revenue?

- A** + £28
- B** + £18
- C** – £10
- D** – £3

Your answer

☐

**[1]**

**20** A clothing manufacturer has decided to specialise in making trousers for women. Which of the following would be a direct benefit of this for the producer?

- A** Creation of jobs for the local skilled workers
- B** Increase of job satisfaction of the workers
- C** Increase of productivity of the workers
- D** Greater likelihood that workers will change jobs

Your answer

☐

**[1]**

## 8

## Section B

Answer **all** the questions in this section.

## 21 Extract 1

Periff Construction Ltd

Alex and Zayn are joint owners of Periff Construction Ltd which specialises in housebuilding and extensions. They are looking to expand their business and so need to buy more equipment. They hope to buy this at an auction, but have heard that other competitors will also be there, which could lead to higher prices. Alex and Zayn have looked at previous auctions and have seen that if prices rise, this leads to more supply in the future.

Price (£)	Quantity supplied at the first auction	Quantity supplied at the next auction
1000	5	5
2000	5	6
3000	5	8
4000	5	12
5000	5	20

The extra equipment is needed as consumer income is rising. The government has also tried to help the construction industry by cutting income tax. Alex has explained to Zayn that to make the most of the tax cuts they will need to increase output and improve productivity. This is because the tax cuts are likely to increase the competition they face.

- (a) An auction is a form of market.

Explain what is meant by a market.

.....

.....

.....

..... [2]

- (b) Explain which sector of the economy Periff Construction Ltd operates in.

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.....

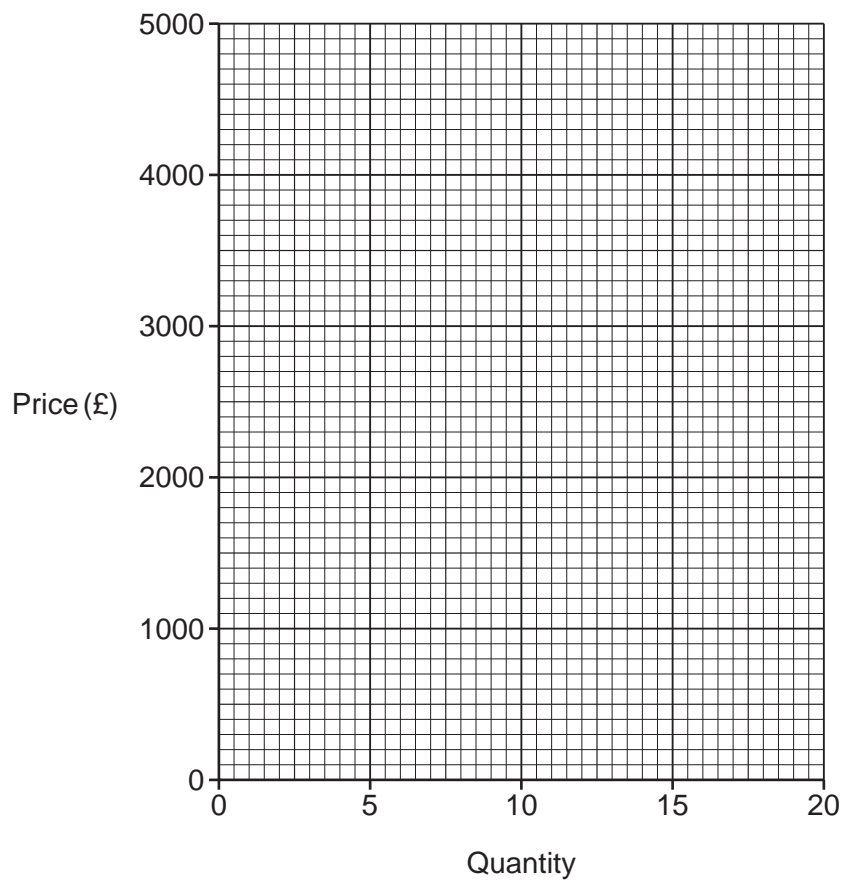
.....

..... [2]



10

- (d) (i) Using the information in **Extract 1** on page 8 draw a supply curve showing the supply of equipment at the next auction.



[2]

- (ii) Explain **one** way in which a business could increase productivity.

.....

.....

.....

..... [2]

**(iii)\*** Evaluate the likely effect of increased competition on Periff Construction Ltd.

Use the information given in **Extract 1** on page 8 and your own knowledge.

[6]

**22 Extract 2**

## Mia and her pay

Mia is looking for her first job, having just gained a good degree in Economics. Layla, her Economics tutor, has explained that the labour market lacks perfect mobility and that Mia will be part of a factor market. With the current low demand for and high supply of labour, Layla has told Mia that she should not expect to earn as much as someone similar did last year.

Mia has told Layla that she has already been offered a job by Ricomo Ltd. Mia will receive a starting wage of £30 000 a year, plus an extra £200 for each month she stays with the firm. She will also receive an extra 10% of her starting wage, as a bonus, at the end of her first year.

Mia says that this wage package is because Ricomo's Ltd owners think that employing her will lead to an increase in total revenue. This will enable the business to gain more profit and to supply more products to the market. This is because the owners claim that their products have a perfectly price elastic supply.

**(a)** Explain **one** way in which a labour market may lack perfect mobility.

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.....

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..... [2]

**(b)** Explain how Mia, looking for her first job, will be part of a factor market.

.....

.....

.....

..... [2]

13

**(c)** Using a diagram, analyse why Mia ‘should not expect to earn as much as someone similar did last year’.

..... [6]

14

- (d) (i) Using the information in **Extract 2** on page 12, calculate Mia's gross wage for her first year at Ricomo Ltd. Show your working.

Answer = £ ..... [2]

- (ii) Explain, using an example, how the total revenue of a firm could be increased if its supply curve was perfectly price elastic.

.....  
.....  
.....  
..... [2]

- (iii)\*** Evaluate the extent to which an increase in total revenue will lead to more profit.

Use the information given in **Extract 2** on page 12 and your own knowledge.

..... [6]

**23 Extract 3**

## Tom's baked potato business

Tom owns and runs a baked potato business from a mobile unit in the main street of Voreda. Consumers can buy the potatoes with a variety of fillings, in exchange for money. Each morning, Tom transports his equipment and food by car and trailer which are insured with Durdar Insurance. He also has a life insurance policy with the same firm.

Demand for Tom's food varies a lot, although he has many regular customers. There has been an increase in the number of cafés and food takeaway shops within a short distance of his site.

Last year, Tom closed a savings account with RNC Bank and moved it to Voreda Building Society (VBS), to gain a higher return. VBS has also agreed to provide Tom with an overdraft facility, similar to the one he had with RNC Bank.

Financial institution	Value of savings (£)	Rate of interest (%)
RNC Bank	1 or more	0.01
VBS	1 to 999	0.10
VBS	1000 to 4999	0.15
VBS	5000 or more	0.20

**(a)** State what is meant by 'money'.

.....

.....

.....

..... [2]

**(b)** Explain why people have a life insurance policy.

.....

.....

.....

..... [2]

**(c)** Analyse the effect of market forces on the price and quantity sold at Tom's business.

[6]

18

- (d) (i) Tom has £6000 in another savings account with RNC Bank.

Using the information in **Extract 3** on page 16, calculate the increase in interest he would receive by moving this money from RNC Bank to VBS. Show your working.

Answer = £ ..... [2]

- (ii) Explain why an overdraft facility might be useful for Tom.

.....

.....

.....

..... [2]

- (iii)\* Evaluate the importance of the financial sector for small producers, such as Tom.

Use the information given in **Extract 3** on page 16 and your own knowledge.

[6]

**END OF QUESTION PAPER**

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