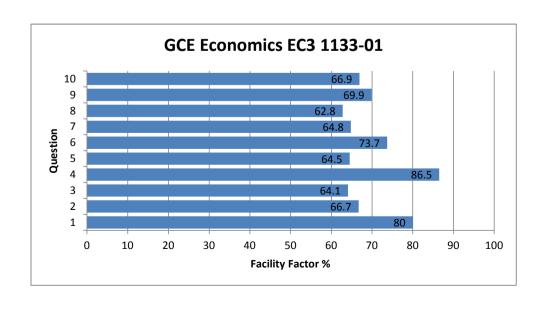


WJEC 2014 Online Exam Review

GCE Economics EC3 1133-01

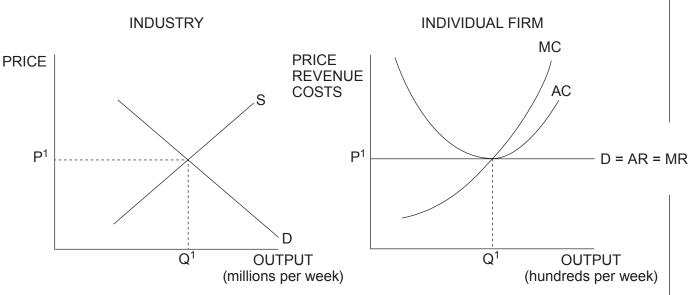
All Candidates' performance across questions

?	?	?	?	?	?	?	_
Question Title	N	Mean	S D	Max Mark	F F	Attempt %	
1	837	3.2	0.9	4	80	99.9	
2	838	5.3	2	8	66.7	100	\leftarrow
3	838	2.6	1	4	64.1	100	\leftarrow
4	836	3.5	0.8	4	86.5	99.8	1
5	836	3.9	1.8	6	64.5	99.8]
6	837	4.4	1.3	6	73.7	99.9	1
7	836	5.2	1.8	8	64.8	99.8	
8	228	12.6	2.9	20	62.8	27.2	\leftarrow
9	481	14	3.9	20	69.9	57.4	
10	127	13.4	2.9	20	66.9	15.2	



2.

(b)



The diagram above shows a firm operating in a perfectly competitive market in long-term equilibrium.

(a) Adapt the diagrams to show how the firm's price, output and profits will be affected by an increase in demand in the short-run. [4]

Explain what will happen to the firm's price, output and profits in the long-run.

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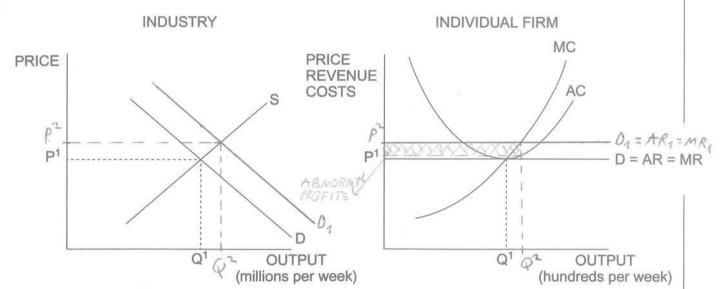
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[4]

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The diagram above shows a firm operating in a perfectly competitive market in long-term equilibrium.

Adapt the diagrams to show how the firm's price, output and profits will be affected by an (a) increase in demand in the short-run.

Explain what will happen to the firm's price, output and profits in the long-run. [4] In the long - nin, of almormal profits will be

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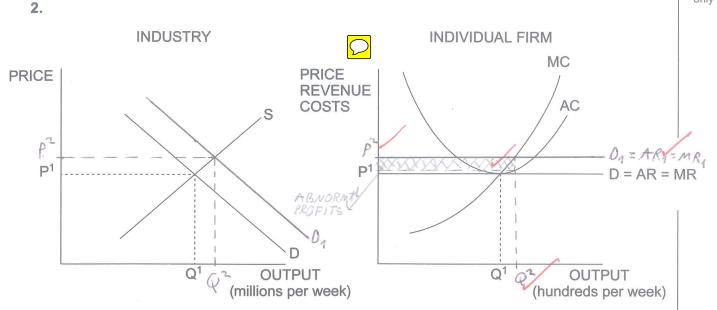
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way The industry

shift to the right and price will

be p'in the long-run.





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(a) Adapt the diagrams to show how the firm's price, output and profits will be affected by an increase in demand in the short-run. [4]

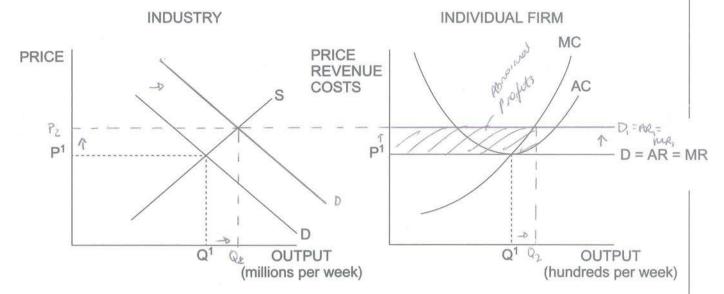
(b) Explain what will happen to the firm's price, output and profits in the long-run. [4]
In the long-run, or almormal profits well be
reduced and only normal profits well be
goined. This is because pefect knowledge of the
market allows other firms to be informed about
the almormal profits. Firms will be attracted
into the market and almormal profits well be
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cure well shift to the right and price will
be printly long-run.

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2

4

(b)



The diagram above shows a firm operating in a perfectly competitive market in long-term equilibrium.

Adapt the diagrams to show how the firm's price, output and profits will be affected by an increase in demand in the short-run.

Explain what will happen to the firm's price, output and profits in the long-run.

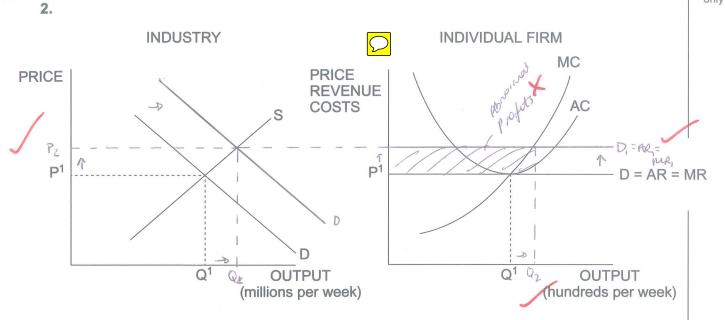
in the long run, the forms prices will fall back to fi This is because that in the Shop ain, the from to meeting abonormal profits as Aft 7 AC As there are no barned to entry (and enit), from well enter the industry on they're ist attracted to the profits homener, as supply more due to an increase in the minutes of hous, are profets will be enoded analy as Consequently, pure will

Notation to be and the from will not be able to make ab normal protes in the

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[4]





The diagram above shows a firm operating in a perfectly competitive market in long-term equilibrium.

- (a) Adapt the diagrams to show how the firm's price, output and profits will be affected by an increase in demand in the short-run. [4]
- (b) Explain what will happen to the firm's price, output and profits in the long-run. [4]

 In the long run, the forms prices will fall beach to be True is because the in

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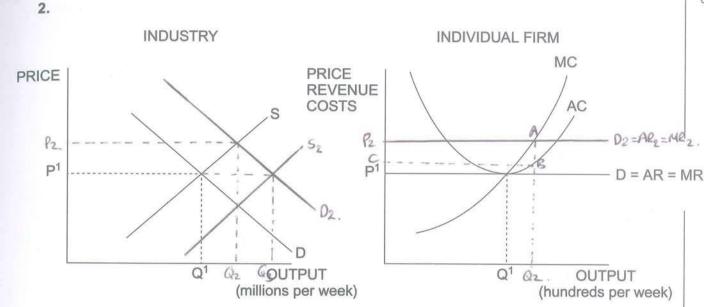
 minutes of forms, are profits will be enaded enough as consequently, price wills

 when to be and the form will be able to make abnormal profits in the

 long man.

6





Profit of A, B, C, Pz.

The diagram above shows a firm operating in a perfectly competitive market in long-term equilibrium.

- (a) Adapt the diagrams to show how the firm's price, output and profits will be affected by an increase in demand in the short-run.
- (b) Explain what will happen to the firm's price, output and profits in the long-run. [4]

 As there are no barriers to entry or exit in perfect

competition, firms will see spare capacity in the market and enter the market. As this happens, supply

shifts to S2 until there is normal profits once again

In the long run price vill face with the firm

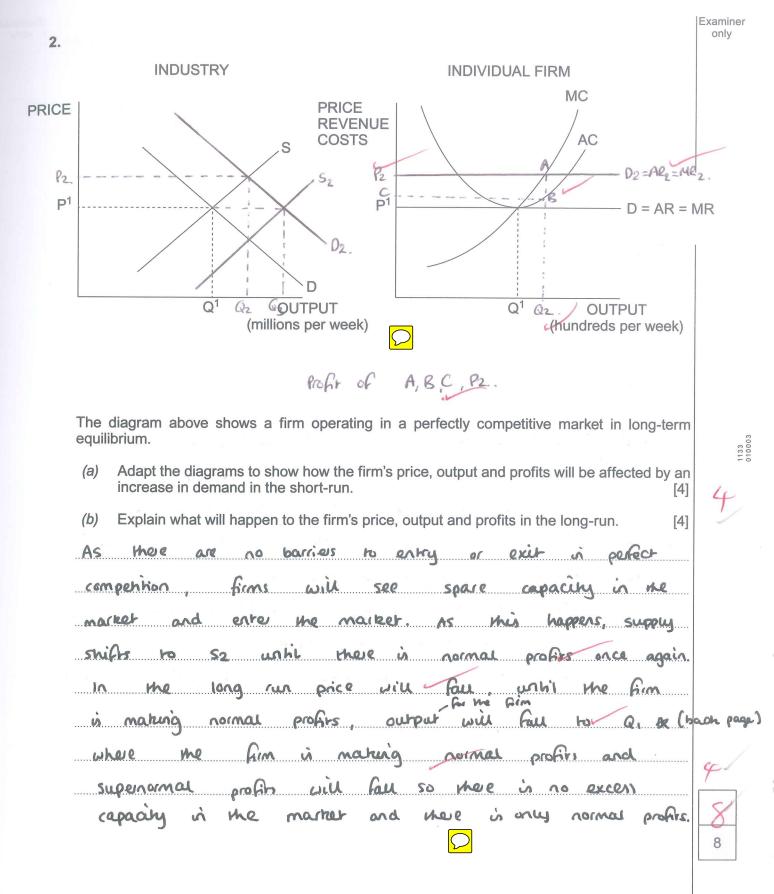
is making normal profits, output will fall to Q, & (to

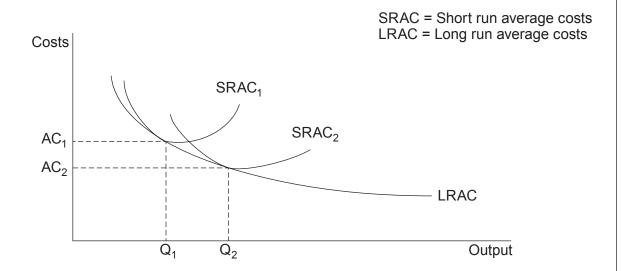
where the firm is making normal profits and

superformal profits will fall so there is no excess

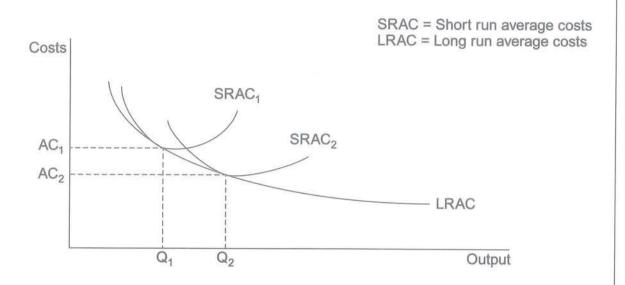
capacity is the marker and there is only normal profits.

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Using the diagram explain why its long run costs fall when its output expands from Q_1 to Q_2 . [4]



Using the diagram explain why its long run costs fall when its output expands from Q1 to Q2.

[4]

Its long our costs fall due to economies of scale in

manufacturing

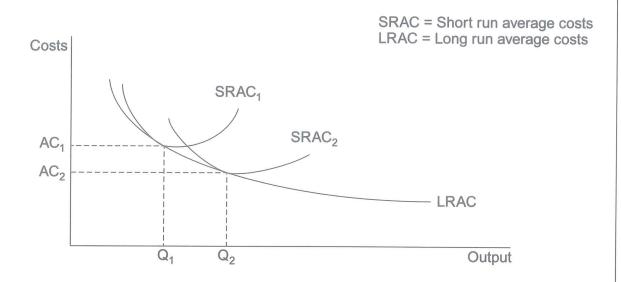
this case the firm venefits from particular economies

of scale, where the more the 3 to bulk, the cheaper

each unit becomes to demand output increases from Q1

to Q2, more units are needed to be made Because they

can make more cheaper their costs fall from to to



Using the diagram explain why its long run costs fall when its output expands from Q₁ to Q₂.

[4]

16> 1000 CUN COSES FOUL due to economies of scale in

Case the firm benefits from explaining economies

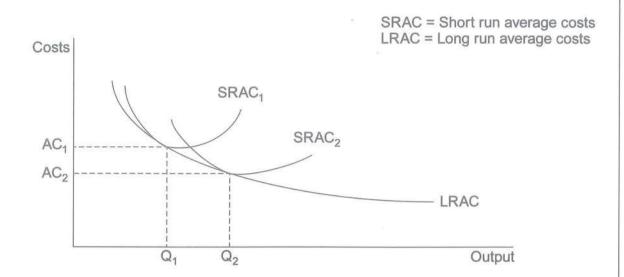
of scale where the more they buy in bulk, the cheaper

each unit becomes to demand output increases from Q₁

to Q₂, more units are needed to be made Because they

can make more cheaper their costs fair from to to

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Using the diagram explain why its long run costs fall when its output expands from Q1 to Q2.

[4]

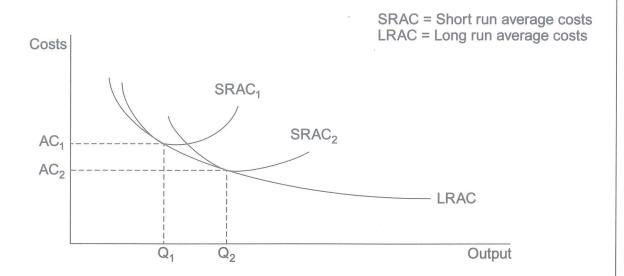
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long run losts, for example, the manufactures may may

another Portony and more production there. For this factory was
have loss that are an admissibility learning of scale, and for

3) The Portors of production may be achieved. This would See



Using the diagram explain why its long run costs fall when its output expands from Q1 to Q2.

[4]

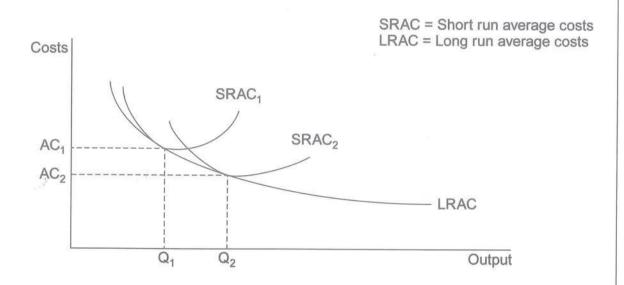
In the long run, all fultors of production cre-torrable, In the Shore
run, at least one factor of production is fixed. In the long
run, the lor manufacturer con mohe a production florethot

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long run losts for example, the manufacturer may long
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produce for more for an initially longe lost. Hence is the long run,

3) The Portors of production may be achieved. This would so he repossible in the Short run.

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Using the diagram explain why its long run costs fall when its output expands from Q1 to Q2. [4]

dong-run is defined as a time person when a

from an all factors of production become

variable. The firms long run costs fall
because it experiences economies of scale.

Economies of scale are factors that cause unit costs

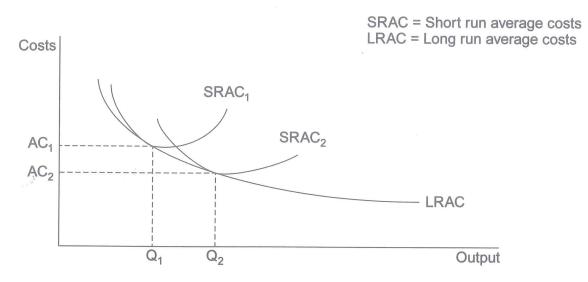
to fall as a firm expands and increases its

scale of plant. It may be because in this case

the firm introduces one suse more factor of production
from the ones that were farefixed in SRAC, ro

adding one more of the initially fixed factor

will result in a movement to as new GRAC, which



Using the diagram explain why its long run costs fall when its output expands from Q_1 to Q_2 . [4]

dong-run is defined as a time person when a firm som all factors of production belowed wariable. The firms long run costs fall, because it experiences economies of scale.

Economies of scale are factors that cause unit costs to fall as a firm expands and increases its scale of plant. It may be because in this case the firm introduces one such more factor of moduling from the ones teast were factorized in SRHC, so adding one more of the initially fixed factor will result in a movement to as new GRAC, which is SRHC2.

EXAMIL

3/

Answer one question from this section.

_	
8.	"The Government should use taxes and subsidies to encourage people to use buses and trains rather than private cars." Discuss. [20]
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•••••	
•••••	
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Answer one question from this section.

"The Government should use taxes and subsidies to encourage people to use buses and trains rather than private cars." Discuss.

Answer the question from Section B using the following pages. M5B Q2 03

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that any juture briefits would be taken away. Therefore
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more powerful that the government. At this moment they
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the government may not wish to gred more but
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is not as important as education at this moment
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on like bulince of pugnests, verylogenet or
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Answer one question from this section.

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Answer the question from Section B using the following pages.

8. Byjes and trains both have positive
externalities of consumption. An externality is, a cost of
benefit and transaction of a third party. Positive externative
resear the morginal privile benefit is less than
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decreased pollution.
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the marginal social continue to the right to MP2	the marginal social cost wire	to the right to MAZ
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or socially popling ontput. This will hopers will support the subside will bord cost the government p2, P3, B, C.
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Some agre there are better mays to increase consumption and all hetter information and about increase the marghal private berefit toward marghal private benefit and the property to a tending to sound t
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Some also argue that but travel in particular also comies regalise long burn

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the free morph will produce at the socially appriment of the socially appriment of the least of the social of the
In an attempt to eliminate markets railive corse argue government chair stack toxed an argue free duty. This attempts to arrive the cast of motoring so made the could lead to socially applicant adjustment being produced. This would also easily applicant to government being produced. This would also easily evenue applicant and out of a subsider on rail and out travel.
One problem is estimating the size of the regardine externality. It the size of the estimation is procured meaning then the remarks will not produce in a socially optimize marked this may even had to a greater four in well hard, government failure. Some argue the anum ment got would be better meeting in reaching

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Answer one question from this section.

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Answer the question from Section B using the following pages.

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benefit and transaction of a third party Posting externative
the norginal social beneat of consumption. This
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or socially poptimen contract. This will
we have in rockety. However the subside will board court the government P2, P3, B, C.
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Some argue there are better mays to increase consimplies and of better information and about train and bus grantate. It this would increase the norghal private beneat towards marginal social beneat a carrier to atom tending to socials application
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Some also argue that but travel in particular also comper regative long turn

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the free marks will produce at the Socialis potimum ortant. This leader to a loss or welfare for society and is market failure.
In an attempt to eliminate markets failure corner organic government characteristic or corner or continuent can example being free duty. This attempts to ande the court or motoring so that I have been court or motoring so that I have partitioned being produced. This would also early to government being produced. This would also early to government where a first organization of the subsidery on call and but travel.
One problem is eating the size of the regulation is produce in a socially appropriate form well not produce in a socially appropriate form well and to it is greater form well and the social form well appropriate form and the social form would be better meeting to reducing

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The government already unplose both taken and upcides to means the use of probles toward and discourage of use. The exectioness of toward on one is a reduced to the static required toward the static required toward the peak of an even although toward will have less of an exemption.
Althority appearants way aim to achieve socially optiming output as this is the most socially officially and religion of responds that good social and and code and perepholic as he true magnet rough rough and and code and perepholic religion. The transport indication makes the remains. However, as a desired and the transport indication makes the remains.