



8164617

# TENTAMEN / EXAMINATION

Fylls i av **student** / To be completed by the student

Skriv anonymiseringskoden på samtliga svarsblad / Write your anonymity code on each sheet		Anonymiseringskod / Anonymity code	
		N E G A 1 0 - 0 0 0 5 - B T L	
Provbenämning / Exam name			Oanmäld
Mikroekonomi och internationell handel			
Kurskod / Course code	Provkod / Exam code	Tentamensdatum / Examination date	
N E G A 1 0	1 0 0 0	2 0 1 8 - 1 0 - 1 7	
Jag har tagit del av regler som gäller i tentamenssalen / I have read the current exam hall rules		Antal inlämnade blad / Number of sheets	
<input checked="" type="checkbox"/> Ja / Yes		1 2	

Fylls i av **skrivvakt** / To be completed by the invigilator

Kontroll av legitimation / Identification checked	<input checked="" type="checkbox"/> Ja / Yes	Härmed intygas att ovanstående kontroller utförts / This is to certify that the above mentioned checks have been carried out
Kontroll av inlämnade blad / Answer sheets checked	<input checked="" type="checkbox"/> Ja / Yes	
Inlämningstid / Time of submission	1 1 : 5 9	Tydlig sign. / Signature 

Fylls i av **lärare** / To be completed by the examiner

Bedömning av uppgifter / Questions attempted										
1	2	3	4	5	6	7	8	9	10	~
6,5	1,5	1,5	3,5		8					
11	12	13	14	15	16	17	18	19	20	~
21	22	23	24	25	26	27	28	29	30	~
Totalt antal poäng / Total points					Examin. lärare / Kursansvarig signatur / Signature of the examiner					
21										
Betyg / Grade					Namnförtydligande / Clarification of the signature					
G										

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Försättsbladet ska alltid lämnas in även om ingen uppgift behandlats /  
Examination should always be submitted even if no questions are answered

Anonymitetskod Nega 10 - 0005 - BTL

FLERVALSFRÅGOR

(OBS! Endast 1 svar på varje fråga)

FRÅGA	RINGA IN RÄTT SVAR			
1	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
2	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
3	<input type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D
4	<input type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D
5	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D
6	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
7	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D
8	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D
9	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
10	<input type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D
11	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
12	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
13	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
14	<del><input type="radio"/> A</del>	<del><input type="radio"/> B</del>	<del><input type="radio"/> C</del>	<input checked="" type="radio"/> D
15	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D
16	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
17	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
18	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
19	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
20	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D

16R  
8p

~~A~~ D är rätt på 14

Fel svar ger ej poängavdrag.

No points will be deducted for the wrong answer



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2

Häftområde

Skriv ej i detta område  
Leave this area blank

Nega 01/10 2018-10-17 0,8,15-12,15

PART TWO

Question 1  $\frac{20}{10}$

Uppgift nr /  
Question no:

1

Poäng / Points  
awarded:

5

Lärens  
anteckning  
Examiner's remarks:

$$TC = 400 + q^2$$

$$MC = 2q$$

$$p = 120 - q$$

a) Profit maximizing is  $MC = MR$

$$MC = 2q$$

$$MR = p/D \cdot 2 \quad MR = 120 - 2q$$

$$\begin{array}{r} 2q = 120 - 2q \\ + 2q \quad \quad + 2q \\ \hline 4q = 120 = 30 \end{array}$$

$$p = 120 - q$$

$$p = 120 - 30$$

$$p = 90$$

$$q = 30$$

$$TR = 30 \cdot 90$$

$$TR = 2700$$

$$TC = 400 + 30^2$$

$$TC = 1300$$

total profit is  $TR - TC$

$$2700 - 1300 = 1400$$

$$TP = 1400$$

answer:  $q = 30$  the monopolist  
will charge a price of 90  
and the profit at this  
level will be 1400

1,5

Skriv ej i detta område  
Leave this area blank



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Nega 0/10 2018-10-17 08,15-12,15

Uppgift nr /  
Question no:

1

PART TWO

Poäng / Points  
awarded:

6,5

question 1

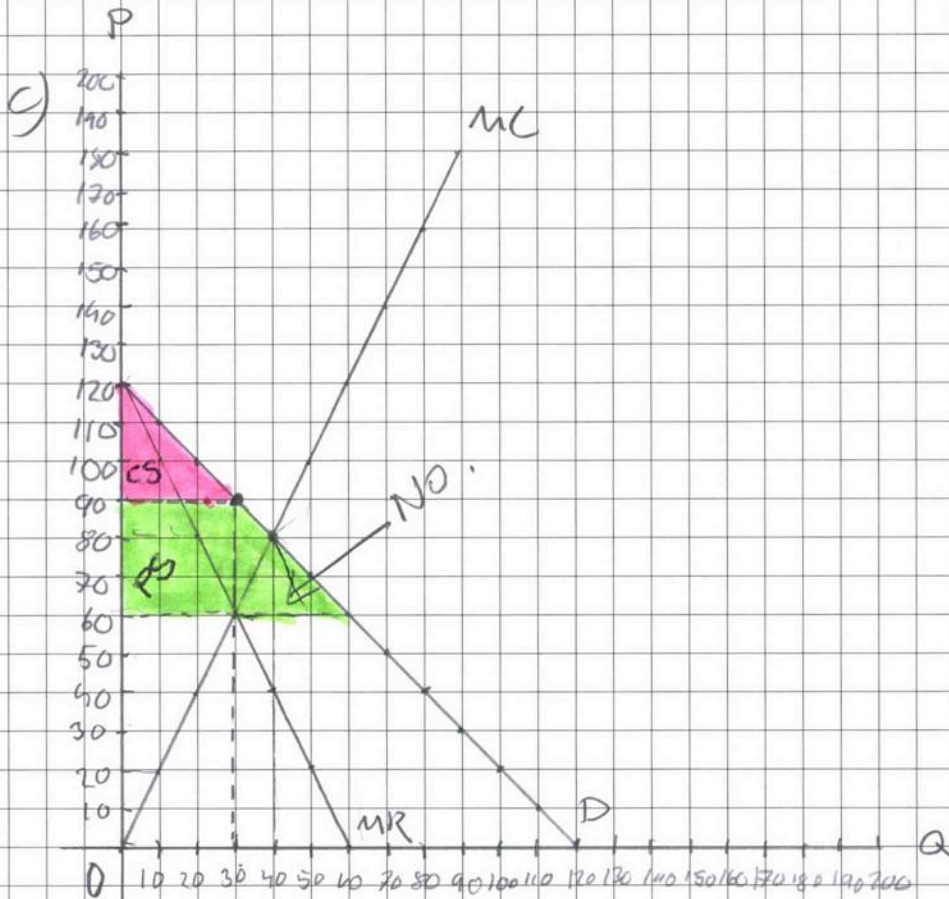
Lärens  
anteckning  
Examiner's remarks:

b)  $\frac{1}{1} \cdot \frac{90}{30} = 3$

$\frac{\Delta Q}{\Delta P} \cdot \frac{P}{Q}$

answer:  $P_E = 3$

Price is elastic



$MC = 2q$

$D = 120 - q$

$MR = 120 - 2q$

CS = CS

PS = PS

Answer:

PRODUCER SURPLUS = 1350

CONSUMER SURPLUS = 460

$CS = 30 \cdot 30 = 900$   $\frac{900}{2} = 450$   $CS = 460$

$PS = 30 \cdot 30 = 900 + 30 \cdot 30$

$PS = 900 + 460 = 1360$   $PS = 1350$

CS = 460

PS = 1350



















