



Antal blad /
Number of sheets

13 ✓

TENTAMEN / EXAMINATION

- Anvisningar:** Skriv din anonymitetskod på varje blad.
Endast en uppgift får lösas på varje blad.
Var vänlig skriv tydligt!
- Instructions:** Write your anonymous code on each sheet.
Answer only one question on each sheet.
Please write clearly!

Vänligen texta anonymitetskoden i textboxen enligt exempel nedan!
Please write the Anonymous Code clearly in the textbox like example below!

Bokstäver/Letters:

A-B-C-D-E-F-G-H-I-J-K-L-M-N-O
P-Q-R-S-T-U-V-W-X-Y-Z-Å-Ä-Ö

Siffror/Numbers:

Ø-1-2-3-4-5-6-7-8-9

Exempel:

A	B	C	1	7	Ø	-	Ø	1	7
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NEGAIØ

Kurskod + Kurs / Course Code + Course:

MIKROEKONOMI

Delkurs / Part course:

Anonymitetskod / Anonymous code = Kurskod + kodnr / course code + code number									
M	E	G	A	I	Ø	-	Ø	2	1

Tentamensdatum / Examination date:	
19/10	-16

Behandlade uppgifter / Solved problems

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
X	X	X	X											
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Ifylles av lärare / To be completed by the examiner

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
12	3	6	4		9,5									
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Poäng / Marks gained: 35

Betyg / Grade: VG

Max poäng / Total marks gained: 40

För Gk poäng / Marks gained to be passed: _____

Examin. lärare / Kursansvarig signatur / Signature of the examiner

Namnförtydligande / Clarification of the signature

Kurskod + anonymitetskod..... NEGA10-021.....

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 type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D
3	<input type="radio"/> A	<input checked="" type="radio"/> B	<input 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 checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
6	<input type="radio"/> A	<input type="radio"/> B	<input checked="" 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 checked="" type="radio"/> C	<input type="radio"/> D
9	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D
10	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
11	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D
12	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
13	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
14	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
15	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
16	<input type="radio"/> A	<input type="radio"/> B	<input checked="" 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 type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D
19	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
20	<input type="radio"/> A	<input type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D

1 fel
9,5 poäng



Ange anonymitetskod / Write your anonymity code
(Vid icke anonym tentamen ange kurskod + namn + personnummer)
(For non-anonymous exams write the course code + name + civic registration number)

NEGA10-021

Löpande sidnr
Consecutive no:

2

Uppgift nr /
Question no:

1

Poäng / Points
awarded:

12

Lärarens
anteckning
Examiner's remarks:

a/ $P_D = 1000 - 2Q$

$$P_S = 200 + 2Q$$

Equilibrium: $P_D = P_S$

$$1000 - 2Q = 200 + 2Q$$

$$4Q = 800$$

$$Q = 200$$

Equilibrium price:

$$P = 1000 - (2 \cdot 200)$$

$$P = 600$$

Answer: $Q = 200, P = 600$

b/ $SMC = MC + MC_E$

$$MC_E = 200$$

$$MC = \text{supply} = 200 + 2Q$$

$$SMC = 200 + 200 + 2Q$$

$$= 400 + 2Q$$

Answer: $SMC = 400 + 2Q$



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NEGAIØ-Ø21

Löpande sidnr
 Consecutive no:

3

Uppgift nr /
 Question no:

1

Poäng / Points
 awarded:

Lärarens
 anteckning
 Examiner's remarks:

Häftområde

Skriv ej i detta område
 Leave this area blank

Efficient quantity:

$$SMC = Demand (P_D)$$

$$400 + 2Q = 1000 - 2Q$$

$$4Q = 600$$

$$Q = 150 \quad R$$

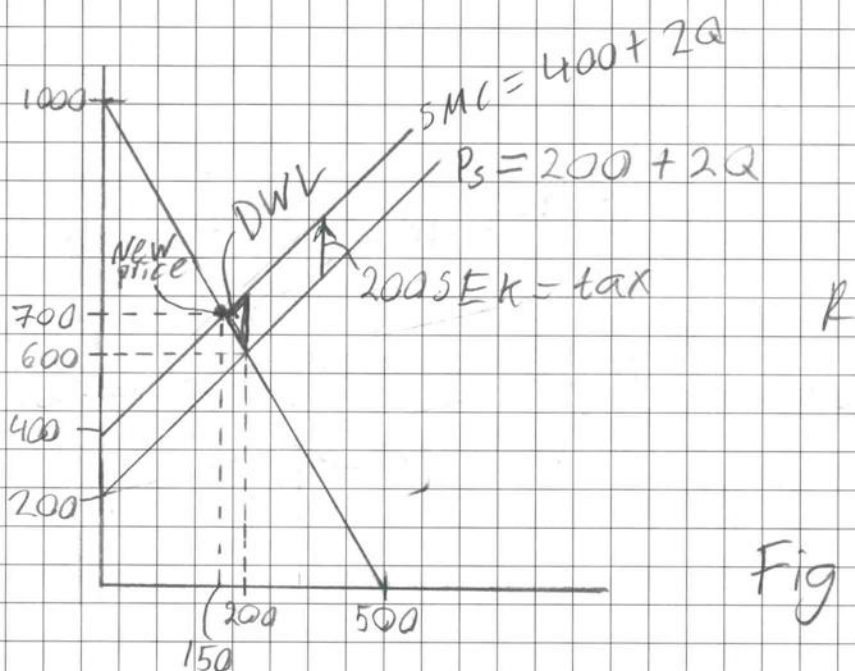


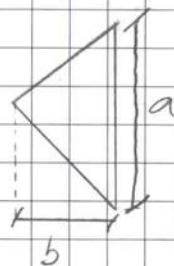
Fig 1.2

Answer to c): $Q = 150$

The triangle marked "DWL" is the dead weight loss due to the negative externality.

The base of the triangle (a) is $MC_E = 200$, the height (b) is equal to the change in quantity:

$$200 - 150 = 50$$



2

