

II ( ) 2009-2010

\_\_\_\_\_ **1.** 10 « / ».  
,  
, - **1** . , **1 - 10** .  
\_\_\_\_\_ **2.** 15 «5:1».  
2 - 30 . - **2** .  
\_\_\_\_\_ **3.** 10 «5:N».  
3 . **3 - 30**  
.  
**70** - **60** .  
**100** . - **140**.  
- **210** .

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\_\_\_\_\_

===== 1. =====

- 1.** .
1. 2.
- 2.**
1. 2.
- 3.**
1. 2.

4.

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1.

2.

5.

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1.

2.

6.

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1.

2.

7.

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1.

2.

8.

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1.

2.

9.

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1.

2.

10.

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1.

2.

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2.=====

1.

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1.

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2.

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3.

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4.

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5.

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2.

,

300,

:

= 50 + 4Q,

,

:

1. = 300 + 50 + 4Q<sup>2</sup>

2.  $= 50Q + 4Q^2$

3.  $= 300 + 50Q + 2Q^2$

4.  $= 300Q + 50 + 4Q^2$

5.  $= 300 + 50Q + 4Q^2$

**3.** :

1. ;

2. ;

3. ;

4. ;

5. .

**4.** :

1. ;

2. ;

3. ;

4. 1. 3.

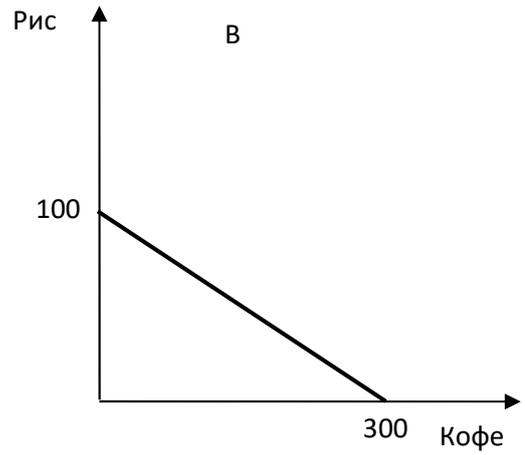
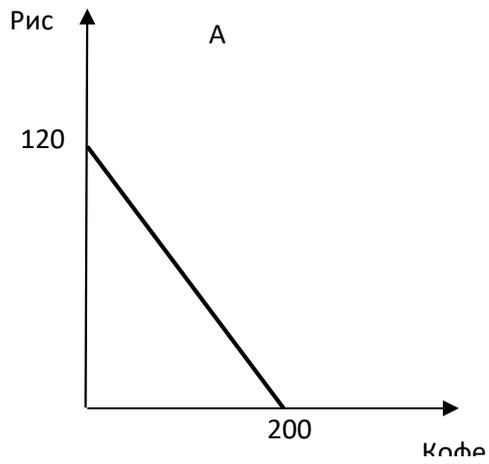
5. .

**5.** - - .

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, ,

:



1. 200 20 ;
2. ;
3. , ;
4. , ;
5. 300 50 .

6.  $Q_s = 5P$   $Q_d = 180 - P$ .

$Q_s = 5P$ .

$15$  . ?

1. 150 .
2. 60 .
3. 90 .
4. 20 .
5. .

7. - ,

:

1. - ;
2. ;
3. ;
4. - ;
5. - .

8. : -100 . . ;  
 -70 . . ; -10 . . ; -10 . . ; -15 . .  
 . - . .

- 1. 30
- 2. 65
- 3. 15
- 4. 10
- 5.

9.  $Q_s=2+3P$  ,  $Q_d=18-P$  ,  
 3, ,  
 :

- 1. 1.
- 2. 2.
- 3. 3.
- 4. 4
- 5.

10. - , :  
 1. ;  
 2. ;  
 3. ;  
 4. ;  
 5. .

11. :  
 1. ;  
 2. ;  
 3. ;  
 4. ;  
 5. .

12.

,  
 ,

10%.

, 4000

,

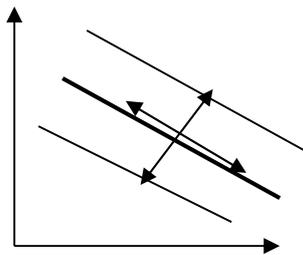
,

:

1. 40000 ;
2. 36000 ;
3. 4400 ;
4. 3600 ;
5. 400 .

13.

, :



1. ;
2. ;
3. ;
4. ;
5. .

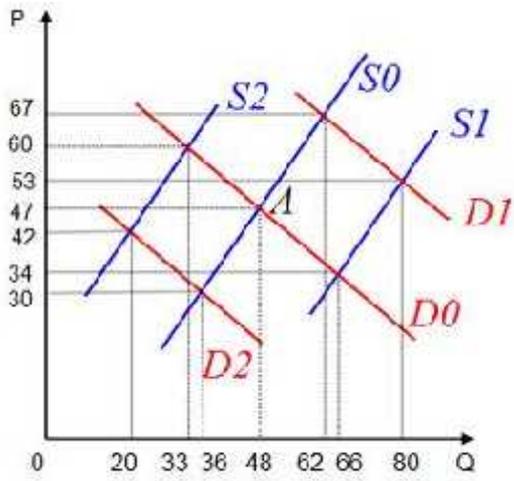
14.

:  $Q_d = 120 - 4Q$  ,

:

1.  $120 - 4Q^2$
2.  $120 - 4Q^2$
3.  $30Q - 0,25Q^2$
4.  $120Q - 4Q^2$
5. 2. 3.

15.



1. 48
2. 80
3. 62
4. 67
5. 33

16.

1. 0
2. 1%
3. ,
4. ,
- 5.

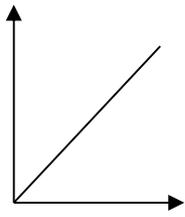
17.

$Q_d = 50 - 2$  .

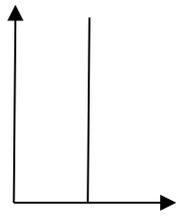
1. 10
2. 15
3. 20
4. 25
- 5.

18.

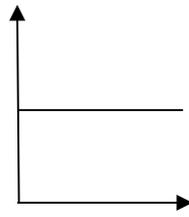
:



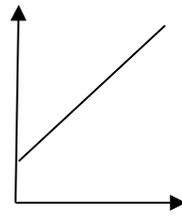
1.



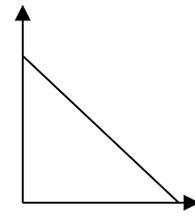
2.



3.



4.



5.

19.

10%,

20%,

:

1. 12,5%;
2. 30%;
3. 10%;
4. 32%;
5. 30 %.

20.

:

1. , ;
2. , ;
3. - ;
4. ;
5. .

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3.=====

1.

:

1. , ;
2. , ;
3. , ;
4. , ;

5. ,  
2. , :

1. ;
2. ;
3. ;
4. ;
5. .

3. ,  
,  
"-3". , :

1. ;
2. ;
3. ;
4. ;
5. .

4. **10**

, : **10**

1. ;
2. Q 10Q ;
3. ;
4. 10 ;
5. 10 .

5. :  
1. , ;  
2. , ;  
3. , ;  
4. ;  
5. .

6.

:

1.  $(TC - FC) : Q$

2.  $TC : Q$

3.  $(AFC + ATC) : Q$

4.  $AFC + AVC$

5.  $(FC + VC) : Q$

7.

:

1.

,

2.

;

3.

;

4.

;

5.

8.

,

Y

X

-2,

+0,5,

Y

"-5"

"-1,1".

,

:

1.

Y

;

2.

Y

;

3.

"

";

4.

;

5.

Y

9.

,

:

1.

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2.

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3.

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4.

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5.

**10.**

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1.

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2.

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3.

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4.

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5.

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1.

=7,

6,

=2

.

9.

.(30

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2.

:

$$Q_{s1} = 2P;$$

$$Q_{s2} = -4 + 0,5P;$$

$$Q_{s3} = -4 + P$$

11 .

,  
(30 .)

3.

$$TC = 8 + 8Q + 2Q^2$$

$$= 20.$$

1.

, )

; )

2.

: )

;

)

.

3.

. (40 .)

,

4.

10

10

B.

X:

		<b>B</b>
<b>1</b>	<b>7</b>	<b>11</b>
<b>2</b>	<b>5</b>	<b>9</b>
<b>3</b>	<b>2</b>	<b>4</b>
<b>4</b>	<b>0</b>	<b>1</b>

5

)

)

(

.(40

7

5.

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-

10.

,

.(20