

# 第3章检测 练习

一、选择题( 3 , 60 )

1. , ( )

A. B.

C. D.

2. , ( )

A.

B.

C.

D.

3. ( )

A. B. C. D.

4. , ( )

A.

B.

C.

D.

5. , ( )

A.

B.

C.

D.

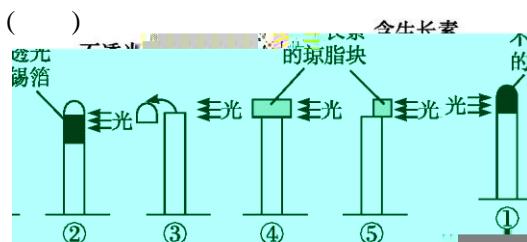
6. : , , , ; , ; ( )

A. B.

C. D.

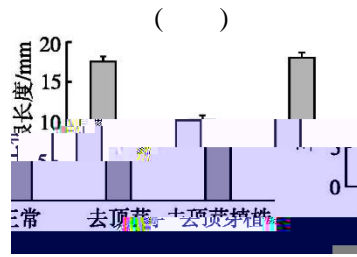
7. , ( )

A. B.



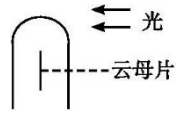
8.

- A.
- B.
- C.
- D.



9.

- A.
- B.
- C.
- D.

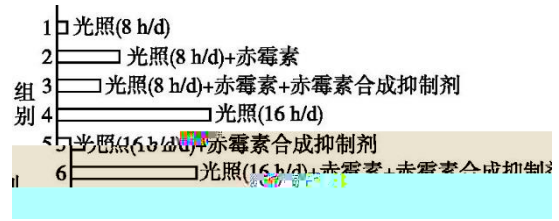


10.

- A.
- B.
- C.
- D.

11.

- A.
- B.
- C.
- D.



12.

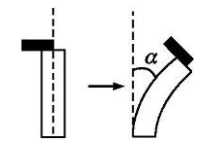
- A.
- B.
- C.
- D.

13.

- A.
- B.
- C.
- D.

14.

琼脂中生长素浓度	0	0.05	0.10	0.15	0.20	0.25	0.30	0.35
胚芽鞘弯曲的角度	0	3	7	12	15	18	15	10



- A.
- B.
- C.
- D.

15. , ( )

- A.
- B.
- C.
- D.

16. , , , ( )

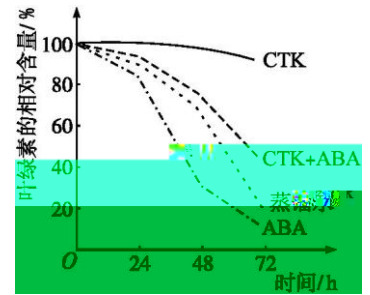
- A. , B.  $CO_2$  ,
- C. , D. ,

17. , ,

(CTK) (ABA)  
CTK+ABA ,

( )

- A.
- B. CTK ABA
- C. ABA NADPH CTK
- D. ABA



18. , ( )

- A. ,
- B. ,
- C. ,
- D. ,

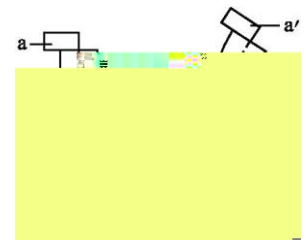
19. , ,

IAA , IAA ,  
IAA ,

, , ,

( )

- A. b IAA b'
- B. b c IAA
- C. b' IAA c'
- D. d' a' IAA a'



20. , , ,

( )

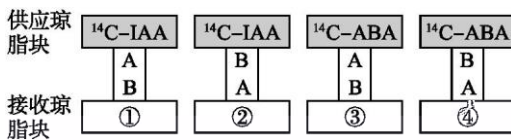
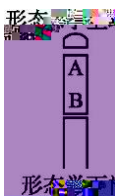
- A. , B. ,
- C. D.

一、选择题

题号	1	2	3	4	5	6	7	8	9	10
答案										
题号	11	12	13	14	15	16	17	18	19	20
答案										

二、非选择题( 40 )

21.(7 ) (IAA) (ABA) ,  $^{14}\text{C}$  IAA ABA,

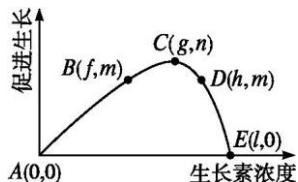
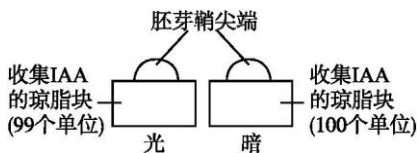


- (1) AB , \_\_\_\_\_( );  
 , ABA \_\_\_\_\_( ) ( IAA ) , , ,
- 
- (2) AB , IAA \_\_\_\_\_( )
- (3) , IAA IAA, IAA IAA , \_\_\_\_\_( )

22.(7 )

1 (IAA)

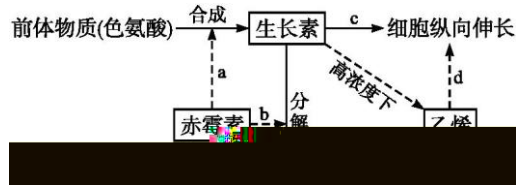
(1) \_\_\_\_\_



(2) \_\_\_\_\_ ( ) ATP

(3) 2 , h,

23.(8 )



ACC

(1) \_\_\_\_\_

(2) c d : \_\_\_\_\_

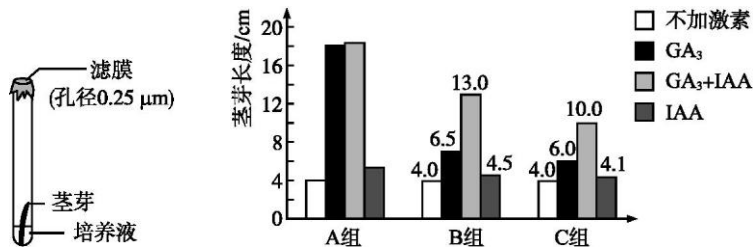
(3) \_\_\_\_\_ ( )

(4) \_\_\_\_\_

24.(11 ) (GA<sub>3</sub>) (IAA) , 2.5 cm ( )

( ) ( 1) A B C , 1 8 15 ,

30 , , 2



1

2

(1) \_\_\_\_\_

(2) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

IAA \_\_\_\_\_ ( )

(3) 2, GA<sub>3</sub> IAA \_\_\_\_\_, GA<sub>3</sub>

(4) \_\_\_\_\_ ( ) \_\_\_\_\_ DNA

, GA<sub>3</sub> 54%, GA<sub>3</sub>

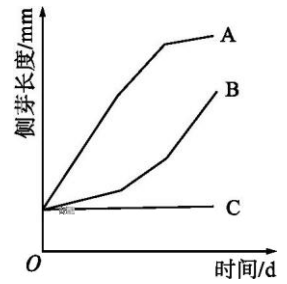
\_\_\_\_\_

(5) 2 B ( C ) \_\_\_\_\_, GA<sub>3</sub> \_\_\_\_\_

IAA \_\_\_\_\_, GA<sub>3</sub> IAA \_\_\_\_\_

(6) A GA<sub>3</sub> IAA \_\_\_\_\_, \_\_\_\_\_

25.(7)





; 4 , , 2 ,

答案:B

12 解析:

答案:C

13、解析:

答案:B

14 解析:

答案:D

15、解析:

答案:B

16

答案:A

17、解析:

, ( ) ,CTK ,  
,A CTK ,CTK+ABA  
,B ABA  
, NADPH ,C



21、解析:(1)

, , ABA  
 , IAA,  
 ( ) ,  
 IAA IAA  
 (2)AB , IAA  
 , ABA  
 (3) IAA , IAA , IAA,  
 IAA , , IAA  
 IAA , ,

答案:(1) IAA

(2)

(3)IAA ( )

22 解析:

, 99 , 100 ,  
 , , h,  
 $f = 0$

答案:(1) ( )

(2)

(3)  $f = 0$

23、解析:(1)

, (a) (b),  
 , a , b (2)  
 ,  
 (3)  
 (4) , ,

答案:(1)a c

(2)

(3)

(4)( )

24 解析:(1)

(2)

(3) 2 ,IAA

GA<sub>3</sub>

, GA<sub>3</sub>

(4)

DNA

,GA<sub>3</sub>

54%,

GA<sub>3</sub>

(5) 2 B

4.0 cm,

13.0-4.0=9.0(cm),GA<sub>3</sub>

6.5-4.0=2.5(cm),

GA<sub>3</sub>

——=3.6 , IAA

——=18

:C

GA<sub>3</sub>

——=3 , IAA

——=60

GA<sub>3</sub> IAA

, GA<sub>3</sub> IAA

( )

(6)A 1 ,

30 , B

C ,

A GA<sub>3</sub>

GA<sub>3</sub>+IAA

IAA

答案:(1)

(2)

(3)

(4)

(5)3.6(3) 18(60)

(6) IAA

25、解析:(1)

(2)

, A

B

(3) A

D,D

D

A

答案:(1)

(2)

(3)