

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.

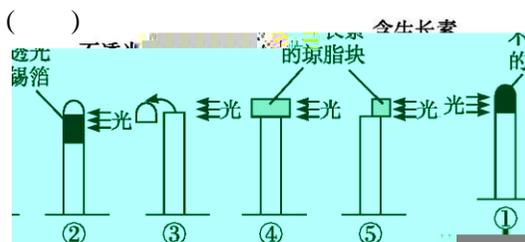
6. : , , , ; , ; , ()

A. B.

C. D.

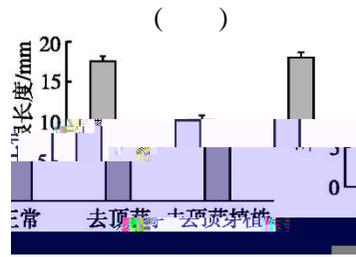
7. , ()

A. B.



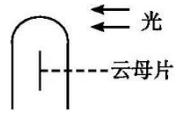
8.

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



9.

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

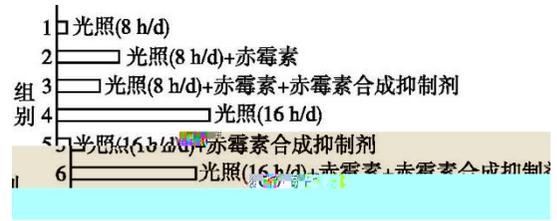


10.

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

11.

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



12.

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

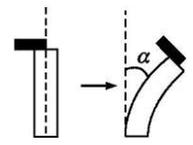
13.

- 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. , , , ()

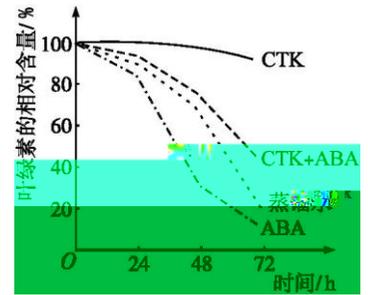
- A. , B. CO_2 ,
- C. , D. ,

17. , ,

(CTK) (ABA)
CTK+ABA ,

()

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



18. , ()

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

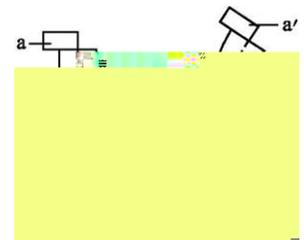
19. , ,

IAA , IAA ,
IAA ,

, , ,

()

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



20. , , ,

()

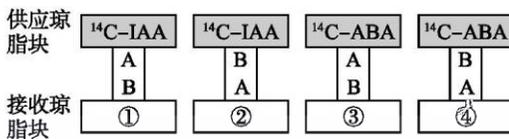
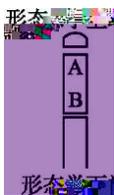
- A. , B. ,
- C. D.

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) , ¹⁴C IAA ABA,

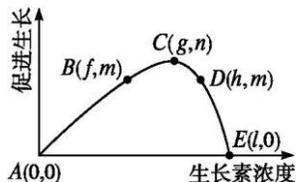
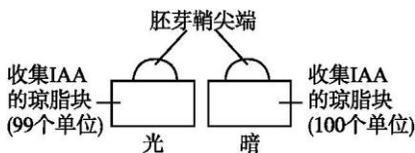


- (1) AB , _____();
- ABA _____() (IAA) , , ,
-
- (2) AB , IAA _____()
- (3) , IAA IAA, IAA IAA , _____()

22.(7)

1 (IAA)

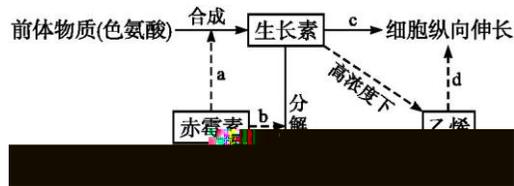
(1) _____



(2) _____ () ATP

(3) 2 , h,

23.(8)



ACC

(1) _____

(2) c d : _____

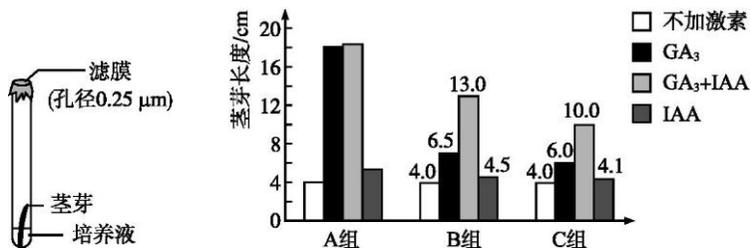
(3) _____ ()

(4) _____

24.(11) (GA₃) (IAA) , 2.5 cm ()

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

30 , , 2



1

2

(1) _____

(2) _____, _____, _____

IAA _____ ()

(3) 2, GA₃ IAA _____, GA₃

(4) _____ () _____ DNA

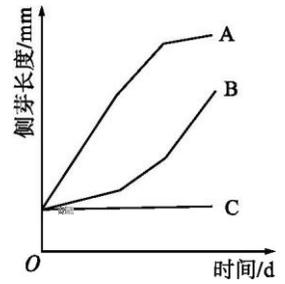
, GA₃ 54%, GA₃

(5) 2 B (C) _____, GA₃ _____

IAA _____, GA₃ IAA _____

(6) A GA₃ IAA _____, _____

25.(7)



; 4 , , 2 ,

答案:B

12 解析:

答案:C

13、解析:

答案:B

14 解析:

, 0.20 mg/L 0.30 mg/L , A

; , B ; 0 mg/L

, 0.35 mg/L , C ; ,

,D 答案:D

15、解析:

,A

,C

,D

,B

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)

(4)

(5)

:C

——=60

(6)A

答案:(1)

(4)

(5)3.6(3) 18(60)

(6) IAA

25、解析:(1)

(3)

答案:(1)

(2)

(3)

,
 ,
 , IAA
 , IAA GA₃
 , GA₃
 DNA ,
 ,GA₃ , 54%, GA₃
 , 4.0 cm,
 13.0-4.0=9.0(cm),GA₃ 6.5-4.0=2.5(cm),
 GA₃ ——=3.6 , IAA ——=18
 GA₃ ——=3 , IAA
 GA₃ IAA ,
 , GA₃ IAA ()
 1 , 30 , B C , A GA₃
 GA₃+IAA , IAA
 (2) (3)
 (2)
 (2)
 , A B
 A , D,D ,
 D A