Student Code: _____

Theoretical Test   Part B

Answer Key

B1. (3 points)

	A	B	C	D	E	F
Plants		X		X		
Mammals	X		X		X	X

B2. (2.5 points)

I	II	III	IV	V
D	C	E	B	A

B3. (3 points)

25488

B4. (3.5 points)
(1) (3 points)

A	6
B	1, 3, 7, 10
C	
D	4, 9
E	2, 5, 8
F	

(2) (0.5 points)

1	2	3
B	C	A

Student Code: _____

B5. (2 points)

I	II	III	IV
D	A	C	B

B6. (3 points)

2000

B7. (4 points)

I	II	III	IV
B	G	F	A

B8. (3 points)

	Deficiency symptoms	Mineral mobility	Metabolic roles
Mg	B	C	G
Fe	A	D	E
N	B	C	F

B9. (3 points)

I	II	III
C	D	F

B10. (4 points)
(1) (2 points)

		can respond to florigen.	cannot respond to florigen.
The shoot apical meristems of	cold-treated annual plants	X	
	untreated annual plants	X	
	cold-treated biennial plants	X	
	untreated biennial plants	X	

(2) (2 points)

		produce florigen under the long-day condition.	do not produce florigen in either photoperiodic condition.
The leaves of	cold-treated annual plants	X	
	untreated annual plants	X	
	cold-treated biennial plants	X	
	untreated biennial plants		X

Student Code: _____

B11. (3 points)

(1) (1 point)

A	B	C	D
		X	

(2) (1 point)

A	B	C	D
		X	

(3) (1 point)

A	B	C	D
			X

B12. (3 points)

	A	B	C
I	X		▓
II		X	
III	X		

B13. (3 points)

I	II	III
A	C	B

B14. (2.5 points)

(1) (0.5 point)

A	B
	X

(2) (0.5 point)

A	B	C	D
		X	

(3) (1.5 point)

C	E	G

B15. (4 points)

	Hypothesis 1	Hypothesis 2	Hypothesis 3	Hypothesis 4
Rejected	X	X		
Not rejected			X	X

B16. (2 points)

(1) (1 point)

A	B	C	D	E
	X			

(2) (1 point)

A	B	C	D	E
X				

Student Code: _____

B17. (2 points)

(1) (0.8 point)

	A	B	C	D
TRUE	X	X		X
FALSE			X	

(2) (1.2 points)

	A	B	C	D
TRUE	X		X	X
FALSE		X		

B18. (3 points)

(1) (2 points)

A	B	C	D	E
X			X	

(2) (1 point)

A	B	C	D
			X

B19. (3 points)

(1) (0.5 point)

A	B	C	D	E
			X	

(2) (0.5 point)

A	B	C	D
			X

(3) (2 points)

A	B	C	D	E	F
		X		X	

Student Code: _____

B20. (3 points)

(1) (2 points)

Acc	190 m
Aml	340 m

(2) (1 Point)

A	B	C	D
	X		

B21. (2 points)

i	ii	iii	iv
C	D	B	A

B22. (2 points)

(1) (1 point)

A	B	C	D
	X		

(2) (1 point)

A	B	C	D	E	F
X					

B23. (4 points)

(1) (2 points)

A	B	C	D	E	F
	X				

(2) (2 points)

A	B	C	D	E
		X		

7

B24. (4 points)

(1) (1 point)

A	B	C	D	E
	X			

(2) (1 point)

A	B	C	D	E
		X		

(3) (2 points)

26	%

B25. (3 points)

(1) (2 points)

2.5 × 10^6 (2500000)	years

(2) (1 point)

A	B	C
		X

B26. (3 points)

(1) (1 point)

A	B	C	D
			X

(2) (1 point)

A	B	C	D
			X

(3) (1 point)

A	B	C	D
		X	

Student Code: _____

B27. (4 points)

(1) (2 points)

34	%

(2) (1 point)

I	II	III	IV
			X

(3) (1 point)

A	B	C	D
		X	

B28. (3 points)

A	B	C	D	E	F	G	H
	X			X	X		

B29. (3 points)

(1) (1 point)

A	B	C	D	E	F	G
		X	X			

(2) (1 point)

A	B	C	D	E	F	G
	X					

(3) (1 point)

A	B	C	D	E	F	G
X						

B30. (3 points)

I	II	III
D	C	B

9

B31. (2.5 points)

	A	B	C	D	E
TRUE	X	X		X	
FALSE			X		X

B32. (3 points)

	A	B	C
TRUE			X
FALSE	X	X	

B33. (3 points)

I	II	III	IV	V	VI
D	C	B	D	E	B

B34. (5 points)

(1) (1 point)

A	B	C	D	E	F	G	H
		X					

(2) (3 points)

	Domain I	Domain II	Function
Older	3	1	4
Newer	1	4	1

(3) (1 point)

I	II	III
B	C	A

B35. (4 points)

(1) (2 points)

A	B	C
	X	

(2) (1 point)

2, 6

(3) (1 point)

A	B	C	D	E	F	G	H	I
				X				

* * * * *   END OF PART B   * * * * *

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