

TIME:  $\frac{1\frac{1}{2}}$   
M.M. 35

ANSWER KEY

P.A. 2 (XI)

(2017)

CLASS - XI

SUBJECT --

Biology

Date: 16.10.17

1. Respiratory roots 1
2. Swollen base 1
3. Pore like opening in older stem + help in exchange of gases 1.
4. All layers in case of endodermis 1
5. Boungainvillea 1
6. Cymose -- definite 1  
Racemose -- Indefinite 1  
In cymose Tip end with flower 2  
Racemose -- Tip extend with flower (Any two) 1
7. (a) Pea (b) Brinjal  $\frac{1}{2} \times 4$  2  
(c) Pea (d) Mango
8. Diagram + Labelling 1 + 1 2
9. Biological check Post ligno suberin thickening 1 2
10. Diagram + explanation 1 2  
Diagram + explanation 1 2
11. Radial, Conjoint Collateral, open Closed (Any three) + Diagram 1 1 1 3
12. Diagram + any four labelling 1 2 3
13. Root Cap, Meristematic Zone of elongation etc Diagram + Explanation 1 1 1 3
14. Epigynous, Perigynous Hypogynous with example

Answer Key - XI

(2)

15. Arrangement of leaves on stem and branches  
 Any two types, Alternate, whorled, Opposite.  
 (Any two)

3.

16. Xylem & Phloem  
 Tracheid, vessels  
 xylem parenchyma  
 xylem fibers  
 Explanation +  
 Diagram

2½  
 2½

5.

Syamb  
 16/10/17