

1. (a) – (v), (b) – (vii), (c) – (viii), (d) – (vi), (e) – (i), (f) – (iii), (g) – (ii), (h) – (iv)
2. (i) narrow tubes      (ii) midrib      (iii) veins      (iv) rashes and itching  
(v) different      (vi) transpiration      (vii) sunlight      (viii) root hair  
(ix) stems      (x) pollen grains      (xi) Ovary      (xii) fruit
3. (i) True      (ii) True      (iii) True      (iv) False  
(v) True      (vi) False      (vii) False      (viii) False  
(ix) True      (x) True.
4. (i) (d) Spinach and tomato herbs while mango is a tree. So lemon is a shrub.  
(ii) (a) Herb has a soft stem while shrubs have thin stem.  
(iii) (d) Nodes are found on stems.  
(iv) (b) In peepal reticulate venation.  
(v) (c) Leaves performs both functions.  
(vi) (a) plants with parallel leaf venation have fibrous roots while plants with reticulate leaf venation have taproots.  
(vii) (c) Stamen is male reproductive part.  
(viii) (b) Filament and anther are the parts of stamen.  
(ix) (b) Wheat root spread out in the soil.  
(x) (d) The process of losing water by leaves is called transpiration.