



# PARISHRAMA NEET ACADEMY

## TARGET NEET - 2022

### BIOLOGY

#### TOPIC: TRANSPORT IN PLANTS

11. Two percent solution of NaOH as compared to 18 percent solution of glucose is  
 (1) iso-osmotic  
 (2) hypo-osmotic  
 (3) hyper-osmotic  
 (4) none of (1), (2) and (3)
12. The space between the plasma membrane and the cell wall of a plasmolysed cell surrounded by a hypertonic solution is occupied by  
 (1) hypotonic solution  
 (2) isotonic solution  
 (3) hypertonic solution  
 (4) water
13. Glucose is not stored in plant due to  
 (1) decrease in osmotic pressure  
 (2) increase in osmotic pressure  
 (3) increase in turgor pressure  
 (4) decrease in turgor pressure
14. Continuous upward flow of water stream in tall trees is maintained due to \_\_\_\_\_  
 (1) guttation and transpiration  
 (2) transpiration pull only  
 (3) cohesive force between H<sub>2</sub>O molecules only  
 (4) cohesive force between H<sub>2</sub>O molecules and transpiration pull
15. A thin film of water covering the soil particles and held strongly by attractive forces is called  
 (1) run away (2) hygroscopic  
 (3) gravitational (4) capillary
16. In higher plants, continuity of cytoplasm from one cell to its neighbouring cells is established through  
 (1) apoplast (2) chloroplast  
 (3) leucoplast (4) symplast
17. Root pressure develops due to  
 (1) passive absorption  
 (2) active absorption  
 (3) increase in transpiration  
 (4) low osmotic potential in soil
18. Hydathode helps in  
 (1) transpiration  
 (2) guttation  
 (3) photosynthesis  
 (4) respiration
19. Stomatal movement is not affected by  
 (1) temperature  
 (2) light  
 (3) O<sub>2</sub> concentration  
 (4) CO<sub>2</sub> concentration

20. Water vapour comes out from the plant leaf through the stomatal opening. Though the same stomatal opening carbon dioxide diffuses into the plant during photosynthesis. Reason out the above statements using one of the following options
- (1) The above processes happen only during night time
  - (2) One process cannot during day time and the other at night
  - (3) Both processes cannot happen simultaneously
  - (4) Both processes can happen together because the diffusion coefficient of water and  $\text{CO}_2$  is different



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