



PARISHRAMA NEET ACADEMY

TARGET NEET - 2022

BIOLOGY

TOPIC: TRANSPORT IN PLANTS

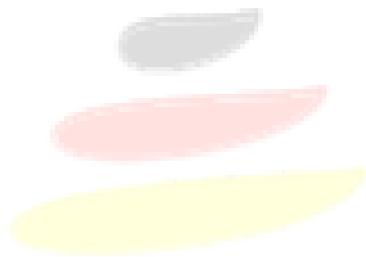
21. Stomata open at night in
 (1) hydrophytes (2) succulents
 (3) mesophytes (4) halophytes
22. The opening stomata is due to the accumulation of
 (1) Mg^{2+} (2) Na^+
 (3) K^+ (4) P
23. Closing of stomata occurs due to
 (1) ABA (2) K^+
 (3) Cu^{++} (4) none
24. What is the direction of movement of sugars in phloem?
 (1) Bi-directional
 (2) Non-multidirectional
 (3) Upward
 (4) Downward
25. A few drops of sap were collected by cutting across a plant stem by a suitable method. The sap was tested chemically. Which one of the following test results indicates that it is phloem sap?
 (1) Acidic
 (2) Alkaline
 (3) Low refractive index
 (4) Absence of sugar
26. Which of these is/are not a property of facilitated transport?
 A. Requires special membrane proteins
 B. Highly selective
 C. Uphill transport
 D. Requires ATP energy
 (1) A and B only
 (2) C and D only
 (3) B and D only
 (4) B and C only
27. What is correct about the movement of substance across the membrane in facilitated diffusion?
 (1) It is an active transport
 (2) It doesn't cause transport of molecules from low concentration to high concentration
 (3) It is insensitive to inhibitors
 (4) It is a very specific transport
28. A cell is equally permeable to sucrose solutions and NaCl solution. First the cell is put in 0.6 M sucrose solution there is no change in size but when put in 0.6 M NaCl solution the size will
 (1) increase (2) decrease
 (3) remain same (4) can't be said

29. If an animal cell is placed in hypertonic solution

- (1) it will burst due to endosmosis
- (2) it will shrink due to exosmosis
- (3) it will burst due to exosmosis
- (4) it will shrink due to endosmosis

30. Osmotic pressure of a pure solvent at 25 °C and 1 atm is always

- (1) less than its solution
- (2) more than zero but less than one
- (3) more than one
- (4) zero



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