



INDIAN SCHOOL NIZWA - WORKSHEET

BIOLOGY CH-11- TRANSPORT IN PLANTS

Name: _____

Date: _____

Class: XI-A

- 1 Differentiate between Diffusion and osmosis
2. Explain facilitated diffusion
3. What are porins? Write their importance .
- 4 Distinguish between symport and antiport
- 5 What is water potential?
- 6 Explain solute and pressure potential
- 7 Define plasmolysis
- 8 What is imbibition? What is its importance in our daily life?
- 9 Explain mass flow hypothesis
- 10 What are apoplastic and symplastic pathway of water movement ? draw diagram
- 11 Write the importance of casparian strip
- 12 What are plasmodesmata ?
- 13 Explain in detail the factors responsible for the upward movement of water in plants
- 14 What is guttation ? Name two plants which shoes this phenomenon
- 15 Transpiration is a necessary evil. Explain
- 16 How does mineral translocation occur in plants ?



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