

1. What is guttation?
2. What is xylem cavitation?
3. Name a part of plant that acts as source in phloem transport.
4. Name a part of plant that acts as sink in phloem transport.
5. What is ascent of sap?
6. What is embolism?
7. What are antitranspirants?
8. Give two examples of antitranspirants.
9. Differentiate between transpiration and guttation.
10. Write a short note on:
 - Osmosis
 - Embolism
 - Phloem transport and source-sink relation
 - Water potential
11. Give one difference between osmotic pressure and turgor pressure.
12. Describe in brief the chemical basis of stomatal opening and closing.
13. Describe the mechanism of stomatal transpiration.
14. Explain the modern theory of Phloem transport.