

- Q-5** **Attempt all questions**
- a. What is absorption of water? Explain various factors affecting absorption of water in plants. 7
- b. What is Transpiration? Explain transpiration pull theory in plants. 7
- Q-6** **Attempt all questions**
- a. What is photosynthesis? Explain the light reaction of photosynthesis. 7
- b. Explain the active process of mineral uptake in plants. 7
- Q-7** **Write short notes on-**
- a. Structure and function of stomata 7
- b. Guttation 7
- Q-8** **Write short notes on-**
- a. Ascent of sap 7
- b. Macro nutrients 7

