

- Q-4** **Attempt all questions**
- a. What is respiration? Explain difference between aerobic and anaerobic respiration. 7
- b. What is absorption of water? Explain it with suitable example. 7
- Q-5** **Attempt all questions**
- a. What are Hydathodes? Explain their structure and functions. 7
- b. Explain the ultrastructure of chloroplast with suitable diagram. 7
- Q-6** **Write short notes on-**
- a. Krebs cycle 7
- b. Stomata 7
- Q-7** **Attempt all questions**
- a. What is photosynthesis? Explain the calvin cycle. 7
- b. Explain the structure of mitochondria with suitable diagram. 7
- Q-8** What is Transpiration? Explain various factors affecting it in plants. (4+10)

