

SECTION B

2. Describe non-cyclic electron transport in photosynthesis.
3. Discuss occurrence, biosynthesis and commercial applications of gibberellins in plants.
4. Discuss various methods of breaking seed dormancy.
5. Write short note on vernalization.
6. Why is it more appropriate to call a short day plant a long night plant.

SECTION C

7. Explain the physiological roles of any three micronutrients and also discuss how their deficiency affects the plant growth?
8. Discuss commercial applications of plant growth regulators in agriculture and horticulture.
9. Discuss in details Munch's mass flow hypothesis for translocation of assimilates. What are the major objections against this hypothesis?