

*(Turn Over)*

( 2 )

4. Give a detailed account on Translocation of organic solute in green plant.
5. Write notes on the following :
  - (a) Crassulacean Acid Metabolism
  - (b) Photorespiration and its significance
6. What is Auxin ? Write its mode of action and various practical applications in agriculture.
7. Write short notes on any **two** of the following :
  - (a) T.C.A. Cycle
  - (b) Biological Nitrogen Fixation
  - (c) Photoperiodism and its significance
8. Write notes on the following :
  - (a) Stress Physiology
  - (b) Sensory Photobiology