

- 3 Write notes on : 10
(i) Major herbaria of the world
(ii) Extraction and purification of cell-organelles.

SECTION - II

- 4 What is chromatography? Describe various types of chromatography and their applications. 10

OR

- 4 Give an account of the traditional technique of dehydration, embedding and sectioning. 10

- 5 Describe : 12
(i) soil analysis
(ii) Use of camera lucida
(iii) smearing.

OR

- 5 Describe : 12
(i) Anemometer and psychrometer
(ii) poisoning the specimens
(iii) Transect.
