SECTION-B

Answer any Four of the following questions.

What is rhytidome?

 $(4 \times 5 = 20)$ 

Explain the structure and functions of parenchyma.

Write the contribution of M.S. Swaminathan.

Describe briefly Tunica - corpns theory of apical meristem.

5. Difference between microspore and pollengrain.

6. Write the application of anatomy in pharmacogonocy.

7. Short note on transition from vegetative apex into reproductive apex.

[Contd....

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(1)

## SECTION-C

## III. Answer any THREE of the following questions.

(3×10=30)

- 8. Anatomical differences between monocot and Dicot stem.
- Short note on
  - a) Anatropous ovule
  - b) Pollination syndrome
- 10. Discuss embryo and Endosperm relationship.
- Explain ABC model of developmental pattarns at flowering apex.
- 12. Describe Anamalous secondary growth in Boerhaavia.