

SECTION-B

- Q2. What are the main aspects of pollination behaviour of *Cruciferous* vegetables?
- Q3. Name the wild relatives of *Solanaceous* vegetables and discuss their utilization in breeding programmes.
- Q4. What are the advantages of hybridization over selfing and why F1s hybrids are superior to both the parents?
- Q5. Describe the detailed procedure for registration of certified seed production with State Seed Certification Agency.
- Q6. Explain with examples the seed maturity indices of vegetable crops.

SECTION-C

- Q7. Describe in detail the methods of breeding adopted for improvement of Self-pollinating crops.
- Q8. Discuss in detail the procedure you will follow for certified seed production of any variety of Tomato.
- Q9. You have been appointed Potato breeder in a prestigious institute, discuss your approach to develop new variety of Potato having higher yield potential and disease resistance.