



13.a) Describe the structure of silk gland.

(OR)

b) List the bed cleaning methods, adopted for rearing *Bombyx mori*.

14.a) List down the properties of good disinfectant in sericulture industry.

(OR)

b) Find out the causative agent, symptoms of Grasserie in silkworm.

15.a) Describe the structure of Country Charkha.

(OR)

b) Examine the physical characteristics of cocoon.

### SECTION – C

(5 X 5 = 25 MARKS)

**ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K4 (Or) K5)**

16. a). Outline the importance of sericulture.

(OR)

b) Illustrate the major plantation systems followed for mulberry.

17. a) Discuss the causative agent and symptoms of Root rot disease in mulberry plant.

(OR)

b) Summarise the merits and demerits of high cut Pruning

18. a) Defend the Life cycle of *Bombyx mori*.

(OR)

b) Discuss the appliances used for silk worm rearing.

19. a) Summarise the different methods of Mounting.

(OR)

b) Discuss the causatives, symptoms and control measures of Flacherie disease in silkworm.

20. a) Evaluate the various Raw silk testings.

(OR)

b) List the characteristics of defective Cocoon.

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