

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2023
(Third Semester)

Branch – ZOOLOGY

SERICULTURE

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

1. The central silk board was established in.
(i) 1946 (ii) 1959
(iii) 1947 (iv) 1948
2. Mulberry leaf rust disease is caused by
(i) Bacteria (ii) Virus
(iii) Fungus (iv) Leaf gall
3. Which is the young age silkworm?
(i) Pupa (ii) Adult
(iii) Spinning worms (iv) Chawki
4. The most common disinfectant used in silk worm rearing is:
(i) 2 -5% formalin (ii) 0.1% rogor
(iii) Bleaching powder (iv) Lime
5. The causative agent of Pebrine disease is:
(i) Berrelina virus (ii) Nosema bombysis
(iii) Polyhedrosis (iv) Puccinia recondita

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

6. a. List down the uses of silk.
OR
b. Explain about the mulberry planting methods.
7. a. State that the bio nutrients of mulberry plant.
OR
b. Summarise the control measures of whitefly in mulberry plants.
8. a. Classify the structure of Adult silkworm.
OR
b. Narrate the Life cycle of silkworm.
9. a. Give the outline for moutage of silkworm.
OR
b. Describe the disinfection methods of silkworm scaring house.
10. a. List down the silkworm cocoon types.
OR
b. State the management of flacherie disease silkworm.

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SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 6 = 30)

- 11 a. Summarise the history of silk.
OR
b. Explain about the varieties of mulberry.
- 12 a. Describe about the macronutrients of N.P.K in soil.
OR
b. Enumerate the harvesting of mulberry leaves.
- 13 a. Highlight the silkworm structure of Egg, Larva, pupa and Adult.
OR
b. Describe about the silkworm seed Production.
- 14 a. Model rearing house of silkworm-Justify.
OR
b. Discuss about the rearing young age silkworm.
- 15 a. Enumerate the Uzifly life cycle and control measures in silkworm.
OR
b. Silkworm as bioreactors – Explain.

Z-Z-Z END