

QUESTION BANK

SEC:2: SERICULTURE

Course Code: BSCHZOOSE401/ BSCPZOOSE401

Short Questions:

- a. How many times does the larva of *Bombyx mori* moult in its life cycle.
- b. Mention the common name of one host plant of Tasar silkworm.
- c. Mention the name of one fungal disease of the silk moth.
- d. Mention the name of one protozoan disease of silk moth.
- e. Mention the name of one viral disease of silk moth.
- f. Mention the name of the Indian state, from where Muga Silk is produced.
- g. Mention the name of the unit, used to indicate the thickness of silk.
- h. Mention the names of a few medical and nutraceutical products derived from silkworms.
- i. Mention the names of causative agents of powdery mildew and leaf rust disease of the Mulberry plant.
- j. Mention the names of four major silk-producing countries worldwide.
- k. State the use of cellulose.
- l. What do you mean by deflossing of silk?
- m. What do you mean by Renditta?
- n. What do you mean by Voltinism.
- o. What is an industrial seed and reproductive seeds.
- p. What is chandraki?
- q. What is cocoon cooking?
- r. What is Cocoonage or moutage? Mention its function.
- s. What is grainage?
- t. What is latkoa?
- u. What is meant by stifling?
- v. What is moriculture?
- w. What is reeling?
- x. What is Vanya Silk?
- y. Write down the name of the host plant of tasar silk and mulberry silk.
- z. Write down the scientific name of the Mulberry silk moth.
- aa. What is spinneret?

Long Type questions:

- a. Briefly describe the life cycle of Mulberry silk moth with suitable diagram.
- b. Briefly describe the sexual dimorphism present in the larval and adult stages of silkworms.
- c. Draw a neat diagram of silk gland of adult silk worm. Mention its location. Differentiate between fibroin and sericin.
- d. Mention the advantages of rearing hybrid silkworms.
- e. Mention the names of different appliances used for keeping the silkworm. Mention the function of these appliances.
- f. Provide an account of an ideal rearing house of silkworms with a diagram. What do you mean by Chowki Rearing? Give a brief account of stand rearing method.

- g. What is silk? Write down the names of the two main components of silk. Differentiate between them. Draw a neat diagram of the silk gland of a silkworm and label different part of it.
- h. Write down the name of a viral disease of the silkworm. Mention the names of causative organisms of this disease. Mention the symptoms of this disease.
- i. Write down the scientific name of Uzi Fly. Comment on the nature of damage of this fly infection in the silkworm larva.
- j. Write the names of one protozoan disease, one bacterial disease, and one fungal disease of the silkworm. Mention the causative organism of those diseases. Comment on the prevention and control of each disease.

Prepared By: Sagarika Mukherjee