

**CERTIFICATE IN SERICULTURE****Term-End Examination****December, 2009**

00053

**BLP-001 : INTRODUCTION TO SERICULTURE***Time : 2 hours**Maximum Marks : 50*

*Note : Attempt any five questions. All questions carry equal marks*

---

---

1. *Define any ten :* 10
- (a) Cellule
  - (b) Twisting
  - (c) Multiroltine
  - (d) Pierced cocoons
  - (e) Denier
  - (f) Spinning
  - (g) Montage
  - (h) Deflossing
  - (i) Revditta
  - (j) Kissan Nursery
  - (k) Oviposition
  - (l) Uzi fly

2. (a) Name the four types of silk produced in India. 4
- (b) Explain surface sterilization of egg sheets. 2
- (c) Mention the medicinal value of Mulberry. 1
- (d) Which are the 3 types of silkworm rearing practised in Indoor ? 3
3. (a) What are the steps taken to avoid setting in cross breed egg production ? 3
- (b) Explain preparation of Mulberry cuttings for plantation ? 4
- (c) Define shell ratio 2
- (d) What is silk ? 1
4. (a) Justify, 'Mulberry Sericulture fetches more money than any agriculture crop.' 4
- (b) Explain spun silk. 2
- (c) Mention two general disinfectants used for disinfection of rearing house. 2
- (d) Explain pairing and depairing of moths. 2
5. (a) Mention four by-product utility of silkworm litter. 4
- (b) What are the different stages in the life cycle of silkworm 2
- (c) Mention quality parameters of the silk 3
- (d) What is Grainage ? 1

6. (a) What are the skill development activities in Mulberry sericulture ? 4
- (b) Enlist the four different types of defective cocoons. 2
- (c) Mention the methods of moth examination. 2
- (d) Explain degumming of silk. 2
7. (a) Mention four popular varieties of mulberry 4
- (b) Which are the states practising Muga culture in India ? 3
- (c) Mention the required temperature, specific gravity and dipping duration for hot acid treatment of Bivoltine eggs. 3
8. Fill in the blanks : 10
- (a) The main food plant of Eri silkworm is \_\_\_\_\_
- (b) The cost of production of silk in China is much \_\_\_\_\_ than that of India.
- (c) Sex separation of pupa/cocoon stage is a training need of \_\_\_\_\_
- (d) Soil pH Range from \_\_\_\_\_ to \_\_\_\_\_ is good for mulberry cultivation.
- (e) Pupation rate should be more than \_\_\_\_\_ percent at the time of cocoon purchase for egg production.

- (f) \_\_\_\_\_ acid is used during acid treatment of bivoltine eggs
- (g) \_\_\_\_\_ disease is transmitted from mother to offspring through egg.
- (h) Pure Mysore rare is \_\_\_\_\_ in nature
- (i) Uzi control management is a training need of \_\_\_\_\_
- (j) Tukra infestation could be seen in \_\_\_\_\_ plant.

- o O o -