

CERTIFICATE IN SERICULTURE (CIS)

Term-End Examination

December, 2013

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 of the following terms : **10x1=10**
 - (a) Bivoltine
 - (b) Renditta
 - (c) Pathogen
 - (d) Silk
 - (e) NGO
 - (f) Mounting
 - (g) Grainage
 - (h) Twisting
 - (i) Kissan Nursery
 - (j) Oviposition
 - (k) Sericulture
 - (l) Tukra

2.
 - (a) Mention any four major mulberry silk producing states in India. **5x2=10**
 - (b) Explain the main objectives of washing of loose eggs with bleaching powder solution.
 - (c) What is spinning ?
 - (d) Explain the uses of pupa oil.
 - (e) What are the important features of Kissan Nursery ?

3. (a) What is deflossing ? How does it helps in silkworm egg production ? $5 \times 2 = 10$
(b) Define ERR.
(c) Explain how sericulture practice generates employment.
(d) Why cocoons are sorted before reeling?
(e) Mention any four labour saving equipments in silkworm seed production.
4. (a) Name the four types of silk produced in India $5 \times 2 = 10$
(b) What is Chowki rearing ?
(c) Explain surface sterilization of egg sheets.
(d) Mentions the medicinal value of mulberry.
(e) What is spun silk ?
5. (a) Mention any four by-products of silkworm rearing. $5 \times 2 = 10$
(b) Explain pairing and depairing of moths.
(c) Enlist four different types of defective cocoons.
(d) Explain degumming of silk.
(e) Explain hot acid treatment of bivoltine silkworm eggs.
6. (a) Mention the different agencies involved in egg production of mulberry silkworm. $5 \times 2 = 10$
(b) Explain the preparation of starch egg sheets for loose egg production.
(c) Why do you stifle the cocoons?
(d) Name the four different types of mountages used in mulberry silkworm rearing.
(e) What are the important training needs in post-cocoon sector ?

7. (a) What are the available schemes that promote rural employment ? 5x2=10
(b) Define quality cocoons.
(c) What are the by-products of mulberry cultivation ?
(d) What happens if good market is not available for sericulture produce ?
(e) What materials are prepared out of cut/pierced shells.

8. Fill in the blanks:

- (a) The main food plant of Eri silkworm is _____ . 10x1=10
(b) _____ is the only country producing Muga silk.
(c) Silkworms which complete one life cycle per year are grouped under _____ .
(d) _____ is the high yielding Mulberry variety.
(e) The silkworm eggs going to libernation are called _____ eggs.
(f) Number of live pupae in a given by devoted in percentage is called _____ .
(g) Size of the filament is expressed as _____ .
(h) Soil pH ranging from _____ to _____ is good for mulberry cultivation.
(i) Uzi control management is training need of _____ .
(j) Pure Mysore race is _____ in nature.
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