

**CERTIFICATE IN SERICULTURE (CIS)**

**Term-End Examination**

**December, 2011**

**BLP-001 : INTRODUCTION TO SERICULTURE**

*Time : 2 hours*

*Maximum Marks : 50*

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

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1. Define *any ten* : 10
- (a) Bio-control agent
  - (b) Chowki Rearing
  - (c) Pest
  - (d) Cellule
  - (e) Oviposition
  - (f) Reeling
  - (g) Denier
  - (h) Cocoon
  - (i) Multivoltine
  - (j) NGO
  - (k) Uzifly
  - (l) Twisting

2. (a) Which are the states practising Tasar culture ? 4
- (b) Define quality of reeling cocoons 3
- (c) What is spun silk ? 2
- (d) What is the correct age of eggs for hot acid treatment ? 1
3. (a) Mention any four stakeholders in sericulture. 4
- (b) What are the advantages in washing the loose eggs with Bleaching powder solution ? 3
- (c) What are the methods of moth examination ? 2
- (d) What is Grainage ? 1
4. (a) What are the important sectors that cover most of the skill development activities in sericulture ? 4
- (b) Mention 3 different types of Indoor rearing in mulberry silkworms rearing. 3
- (c) Explain how to prepare starch egg sheet for loose egg production ? 2
- (d) What is silk ? 1
5. (a) What are the by-products of silk reeling ? 4
- (b) What are the agencies involved in egg production of mulberry sector ? 3
- (c) Why do you stifle the cocoons ? 2
- (d) What is mounting ? 1

6. (a) Explain preparation of mulberry cuttings for plantation. 4
- (b) What are the steps to be taken to avoid selfing in cross breed egg productions ? 3
- (c) Define Renditta ? 1
- (d) What are the environmental conditions required for seed cocoon preservation ? 2
7. (a) What are the by-products of Grainage operations ? 4
- (b) Mention the types of training needs. 3
- (c) Why the Binolsinc egg sheets dipped in 2% formative solution before hot acid treatment ? 2
- (d) What is ERR ? 1
8. Fill in the blanks : 10
- (a) \_\_\_\_\_ is the main food plant of Eri silkworms.
- (b) \_\_\_\_\_ is the only country producing Muga silk.
- (c) Silkworms which complete one life cycle per year are grouped under \_\_\_\_\_.
- (d) \_\_\_\_\_ silkworms is a unique insect secreting golden yellow coloured lustrous silk.
- (e) \_\_\_\_\_ is the high yielding mulberry variety.

- (f) Silkworms eggs free from pebrine disease in particular is called \_\_\_\_\_ .
- (g) \_\_\_\_\_ disease is caused due to infestation of mulberry plants by the mealy bug.
- (h) The eggs going to hibernation are called \_\_\_\_\_ eggs.
- (i) No. of live Pupae in a given lot denoted in percentage is called \_\_\_\_\_.
- (j) The cost of production of silk in China is much \_\_\_\_\_ than that of India.
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