

CERTIFICATE IN SERICULTURE (CIS)

Term-End Examination

December, 2011

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) 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.
- _____