

CERTIFICATE IN SERICULTURE

Term-End Examination

June, 2009

00917

BLP-001 : INTRODUCTION TO SERICULTURE

Time : 2 hours

Maximum Marks : 50

Note : Attempt only five questions. All questions carry equal marks

1. Define *any ten* of the following terms : 10x1=10
- (a) Bivoltine
 - (b) SHG
 - (c) Grainures
 - (d) Kissan Nursery
 - (e) Mountages
 - (f) dfls
 - (g) ERR
 - (h) Cellules
 - (i) Spinning
 - (j) Cocoon
 - (k) Emergence
 - (l) Multivoltine

2. (a) Write the difference between compost and vermicompost. 3
- (b) Who is the main contributor in silkworm seed production ? 1
- (c) What are the sexual differences at pupal stage ? 1
- (d) Explain the different steps involved in loose egg production. 3
- (e) Explain pairing and depairing of moths. 2
3. (a) What are the by-products of Mulberry cultivation and silkworm rearing ? 3
- (b) Mention the different wastes included under reeling waste. 2
- (c) What materials are prepared out of cut pierced cocoon shells ? 1
- (d) Mention the different uses of silk. 2
- (e) How do you assess the cocoon quality ? 2
4. (a) What is reelability ? 2
- (b) Why do you stifle the cocoon ? 2
- (c) What do you understand by cocoon cooking and reeling ? 2
- (d) How do you store the cocoon ? 2
- (e) Why do you sort cocoon before reeling ? 2

5. (a) Which are the states practising Mulberry sericulture ? 3
- (b) Which important features of sericulture made its practice among large number of people ? 3
- (c) List five important constraints faced by the silk industry in India. 2
- (d) List out the various defective cocoon types. 2
6. (a) What do you mean by employment generation ? 2
- (b) Why extension support is necessary for sericulture development in the rural areas ? 3
- (c) List the Stakeholders in Sericulture.
- (d) What are the important training needs in post cocoon sector ? 2
- 3
7. Fill in the blanks : 10
- (a) Rearing of young silk worm up to the second moult is _____ .
- (b) Examination of the eggs laid by female moths is _____ .
- (c) Those who ensure production of silk worm eggs in mass is called _____ .
- (d) _____ is made up of proteins secreted in the fluid state by a caterpillar, popularly known as silk worm.

- (e) Cultivation of mulberry and rearing of silk worm is called _____ .
- (f) Native to a particular country is called _____ .
- (g) Defined quantity of raw silk carefully wrapped as a cotton cloth and gunny cloth is called _____ .
- (h) The fibre material of raw silk thread which is a protein non-soluble in boiling water is _____ .
- (i) No of live pupae in a given lot denoted in percentages is called _____ .
- (j) Pairing of the male and female of the same race is called _____ .
8. (a) Mention the types of training needs in sericulture. 2
- (b) How does sericulture practices suits women and how they can build up economy through sericulture ? 3
- (c) Explain how sericulture practices generates more employment ? 3
- (d) What is a by-product ? Name few sericulture by-products ? 2

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