

Question Paper Preview

Notations :

- 1.Options shown in green color and with ✓ icon are correct.
- 2.Options shown in red color and with ✗ icon are incorrect.

Question Paper Name :	PGDinSericulture 11th Aug 2022 Shift 3
Subject Name :	PGD in Sericulture
Creation Date :	2022-08-11 19:18:36
Duration :	90
Total Marks :	100
Display Marks:	No
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No

PGD in Sericulture

Group Number :	1
Group Id :	90320119
Group Maximum Duration :	0
Group Minimum Duration :	90
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

PART A

Section Id :	90320135
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	90320137
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 9032012402 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The Neolithic culture of China credited for the origin of silk production is

Options :

1. ✘ Cishan culture
2. ✔ Yangshao culture
3. ✘ Longshan culture
4. ✘ Yueshi culture

Question Number : 2 Question Id : 9032012403 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Silk production remained in China until the silk road opened in

Options :

1. ✔ 114 BC
2. ✘ 55 BC
3. ✘ 120 AD
4. ✘ 210 AD

Question Number : 3 Question Id : 9032012404 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Sericulture is an economically viable activity as the demand for silk is increasing annually at the rate of

Options :

1. ✘ 2-3%
2. ✘ 3-5%
3. ✔ 5-10%
4. ✘ 10-20%

Question Number : 4 Question Id : 9032012405 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The International Sericulture Commission was initiated on

Options :

1. ✔ 8th August 1960
2. ✘ 1st July 1957
3. ✘ 1st June 1948

4. ✘ 31st December 1957

Question Number : 5 Question Id : 9032012406 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In global silk production, India is ranked as _____ largest producer

Options :

1. ✘ First

2. ✔ Second

3. ✘ Third

4. ✘ Fourth

Question Number : 6 Question Id : 9032012407 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The Central Silk Board of India was established in 1948 by an Act of Parliament numbered

Options :

1. ✘ XX of 1948

2. ✘ XXI of 1948

3. ✘ XIX of 1948

4. ✓ LXI of 1948

Question Number : 7 Question Id : 9032012408 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The mulberry plant belongs to the family

Options :

1. ✘ Cannabaceae

2. ✓ Moraceae

3. ✘ Rosaceae

4. ✘ Ulmaceae

Question Number : 8 Question Id : 9032012409 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The botanical name of the most widely distributed and cultivated white mulberry is

Options :

1. ✓ *Morus alba*

2. ✘ *Morus indica*

3. ✘ *Morus nigra*

4. ✘ Morus rubra

Question Number : 9 Question Id : 9032012410 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The ideal temperature range for the ideal growth of Mulberry is

Options :

1. ✘ 20°-30°C

2. ✘ 22°-30°C

3. ✔ 24°-29°C

4. ✘ 24°-32°C

Question Number : 10 Question Id : 9032012411 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Mulberry grows best in soils with pH ranging between

Options :

1. ✘ 5.0-6.0

2. ✘ 5.5-6.5

3. ✔ 6.2-6.8

4. ✘ 6.4-7.4

Question Number : 11 Question Id : 9032012412 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which among the following soil types are not suitable for mulberry cultivation

Options :

1. ✔ Pure sandy or Pure clayey
2. ✘ Pure sandy or Clayey loamy
3. ✘ Pure sandy or Sandy loamy
4. ✘ Pure clayey or Clayey loamy

Question Number : 12 Question Id : 9032012413 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Alkaline soils can be reclaimed or improved by application of

Options :

1. ✘ Lime
2. ✔ Gypsum

3. ✘ Nitrogen

4. ✘ Potassium

Question Number : 13 Question Id : 9032012414 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The shoot system of mulberry plant consists of

Options :

1. ✘ Primary branches only

2. ✘ Primary & Secondary branches

3. ✔ Primary, Secondary & Tertiary branches

4. ✘ Secondary & Tertiary branches

Question Number : 14 Question Id : 9032012415 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The number of perianths and stamens in the male flower of mulberry are

Options :

1. ✘ 3,4

2. ✔ 4,4

3. ✘ 4,3

4. ✘ 4,5

Question Number : 15 Question Id : 9032012416 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The fruit mulberry is an example of

Options :

1. ✘ Simple fleshy fruit

2. ✘ Achane

3. ✘ Aggregate fruit

4. ✔ Multiple fruit

Question Number : 16 Question Id : 9032012417 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The genetic variability of mulberry plant can be increased by propagation through

Options :

1. ✔ Seedling method

2. ✘ Grafting

3. ✘ Cutting

4. ✘ Layering

Question Number : 17 Question Id : 9032012418 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The type of grafting method used to rejuvenate a very old mulberry plant

Options :

1. ✘ Whip grafting

2. ✘ Crown grafting

3. ✔ Wedge grafting

4. ✘ Bud grafting

Question Number : 18 Question Id : 9032012419 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

To avoid fungal attack the cuttings of mulberry should be dipped in 0.2% Bavistin solution for

Options :

1. ✘ 2 minutes

2. ✘ 2-5 minutes

3. ✘ 5-10 minutes

4. ✔ 10-15 minutes

Question Number : 19 Question Id : 9032012420 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The primary mulberry variant grown in India is

Options :

1. ✔ Morus indica

2. ✘ Morus alba

3. ✘ Morus serrate

4. ✘ Morus laesigata

Question Number : 20 Question Id : 9032012421 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In South India, mulberry plantation for irrigated mulberry crop is done following

Options :

1. ✘ Pit system

2. ✓ Row system

3. ✘ Strip system

4. ✘ Kolar system

Question Number : 21 Question Id : 9032012422 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Azotobacter is an example of

Options :

1. ✘ Organic manure

2. ✘ Chemical fertilizer

3. ✓ Biofertilizer

4. ✘ Green manure

Question Number : 22 Question Id : 9032012423 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The type of pruning done to obtain the first crop of mulberry leaves is

Options :

1. ✘ Step up pruning

2. ✓ Step down pruning

3. ✘ Rejuvenation pruning

4. ✘ Harvest pruning

Question Number : 23 Question Id : 9032012424 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Periodical aeration of soil between mulberry plants either manually or bullock drawn tillers to remove weeds and allow better aeration and percolation of water is known as

Options :

1. ✘ Guttation

2. ✘ pruning

3. ✘ Draining

4. ✓ Intercultivation

Question Number : 24 Question Id : 9032012425 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The leaf harvesting method suitable for rearing first instar silkworm larvae is

Options :

1. ✓ Leaf picking
2. ✘ Branch cutting
3. ✘ Whole shoot harvest
4. ✘ Partial shoot harvest

Question Number : 25 Question Id : 9032012426 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The most visible first change in harvested leaves during the period of storage is

Options :

1. ✓ Withering
2. ✘ Curling
3. ✘ Drying
4. ✘ Decomposition

Question Number : 26 Question Id : 9032012427 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The class Insecta is characterized by the presence of _____ pairs of jointed legs

Options :

1. ✘ Two
2. ✔ Three
3. ✘ Four
4. ✘ Six

Question Number : 27 Question Id : 9032012428 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Scorpion insects belong to the following families

Options :

1. ✘ Bombycidae & Sphingidae
2. ✘ Bombycidae & Eupterotidae
3. ✘ Saturniidae & Noctuidae
4. ✔ Saturniidae & Bombycidae

Question Number : 28 Question Id : 9032012429 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The term used to indicate the number of broods or generations of silkworm in a year is

Options :

1. ✓ Voltinism
2. ✗ Univoltine
3. ✗ Bivoltine
4. ✗ Multivoltine

Question Number : 29 Question Id : 9032012430 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Juvenile hormone in insects is also known as

Options :

1. ✗ Prothoracicotropic Hormone
2. ✗ α Ecdysone
3. ✗ β Ecdysone
4. ✓ Neotenin

Question Number : 30 Question Id : 9032012431 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Antheraea assamensis produces

Options :

1. ✘ Tussar silk

2. ✘ Eri silk

3. ✘ Errandi silk

4. ✔ Muga silk

Question Number : 31 Question Id : 9032012432 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A female silk moth can lay up to

Options :

1. ✘ 100-200 eggs

2. ✘ 200-300 eggs

3. ✔ 300-500 eggs

4. ✘ 500-800 eggs

Question Number : 32 Question Id : 9032012433 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Development of the silk moth from the cocoon stage takes around

Options :

1. ✓ 10-14 days
2. ✗ 14-18 days
3. ✗ 18-22 days
4. ✗ 22-26 days

Question Number : 33 Question Id : 9032012434 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The rate of larval growth during the third instar of the silkworm caterpillar is

Options :

1. ✗ 20X
2. ✓ 120X
3. ✗ 730X
4. ✗ 2640X

Question Number : 34 Question Id : 9032012435 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The number of pairs of abdominal legs in the silkworm larva are

Options :

1. ✘ 3

2. ✔ 4

3. ✘ 6

4. ✘ 7

Question Number : 35 Question Id : 9032012436 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The male silkworm larvae can be identified by the presence of

Options :

1. ✘ Eye spot

2. ✘ Caudal horn

3. ✘ Ishiwada's glands

4. ✔ Herold's gland

Question Number : 36 Question Id : 9032012437 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In silkworm larva, there are _____ pairs of cryptonephric Malpighian tubules

Options :

1. ✘ 6

2. ✘ 5

3. ✘ 4

4. ✔ 3

Question Number : 37 Question Id : 9032012438 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The cellular fractions of the haemolymph are known as

Options :

1. ✘ Leucocytes

2. ✔ Haemocytes

3. ✘ Erythrocytes

4. ✘ Plasma

Question Number : 38 Question Id : 9032012439 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In silkworm larva, there are _____ ganglia in the abdominal region

Options :

1. ✘ 3

2. ✘ 4

3. ✘ 6

4. ✔ 8

Question Number : 39 Question Id : 9032012440 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

At mating the adult male silkworm ejaculates sperms through the

Options :

1. ✘ Vasa deferentia

2. ✘ Accessory glands

3. ✘ Seminal vesicles

4. ✔ Ejaculatory duct

Question Number : 40 Question Id : 9032012441 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The accessory gland of the female reproductive system responsible for production of adhesive substance for gluing the eggs is

Options :

1. ✘ Spermatheca
2. ✘ Bursa copulatrix
3. ✔ Collateral glands
4. ✘ Genital chamber

Question Number : 41 Question Id : 9032012442 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In the fully grown final instar larva the silk gland accounts for

Options :

1. ✔ 50% of its weight
2. ✘ 40% of its weight
3. ✘ 30% of its weight
4. ✘ 20% of its weight

Question Number : 42 Question Id : 9032012443 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The ideal and economical roofing of the rearing house is made of

Options :

1. ✓ Country tiles

2. ✗ Zinc sheets

3. ✗ Asbestos sheets

4. ✗ RCC

Question Number : 43 Question Id : 9032012444 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Most commonly used rearing trays in India are

Options :

1. ✗ Rectangular wooden trays

2. ✗ Rectangular plastic trays

3. ✗ Square cardboard boxes

4. ✓ Circular bamboo trays

Question Number : 44 Question Id : 9032012445 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The separation of newly hatched larvae from their eggshell and transferring them to rearing trays from the egg cards is known as

Options :

1. ✘ Incubation

2. ✘ Blackboxing

3. ✔ Brushing

4. ✘ Mounting

Question Number : 45 Question Id : 9032012446 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Rearing of young age silkworms up to second molt is known as

Options :

1. ✔ Chawki rearing

2. ✘ Tray rearing

3. ✘ Shoot rearing

4. ✘ Twig rearing

Question Number : 46 Question Id : 9032012447 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In tropical areas the mature silkworm is readily distinguishable by its

Options :

1. ✓ Translucent colour
2. ✗ Voracious feeding
3. ✗ Active behaviour
4. ✗ Chalky colour

Question Number : 47 Question Id : 9032012448 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Separation of old cuticle from the underlying epidermal cells in moulting larva is known as

Options :

1. ✗ Ecdysis
2. ✓ Apolysis
3. ✗ Pre-ecdysis
4. ✗ Moulting

Question Number : 48 Question Id : 9032012449 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The traditional mountage used widely in South India is known as

Options :

1. ✘ Plastic collapsible
2. ✘ Rotary cardboard
3. ✔ Chandrika
4. ✘ Bamboo spiral

Question Number : 49 Question Id : 9032012450 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which amongst the following is not done in in a grainage

Options :

1. ✘ Rearing of parental seed cocoon
2. ✘ Seed cocoon preservation
3. ✘ Pairing and oviposition
4. ✔ Feeding of larvae

Question Number : 50 Question Id : 9032012451 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The stage at which the silkworm starts spinning silk

Options :

1. ✘ Beginning of the Vth instar stage
2. ✔ End of the Vth instar stage
3. ✘ Beginning of the IVth instar stage
4. ✘ End of the IVth instar stage

Question Number : 51 Question Id : 9032012452 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In bivoltine varieties, for good seed cocoon quality the number of cocoons per kg should be

Options :

1. ✔ 575-650
2. ✘ 700-800
3. ✘ 800-900

4. ✘ 900-1000

Question Number : 52 Question Id : 9032012453 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In multivoltine hybrid seed production the cocoon ratio is maintained at

Options :

1. ✘ 1:1

2. ✘ 1:2

3. ✔ 2:1

4. ✘ 1:3

Question Number : 53 Question Id : 9032012454 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Optimum temperature required for seed cocoon preservation is

Options :

1. ✔ $25 \pm 1^{\circ}\text{C}$

2. ✘ $28 \pm 1^{\circ}\text{C}$

3. ✘ $20\pm 1^{\circ}\text{C}$

4. ✘ $22\pm 1^{\circ}\text{C}$

Question Number : 54 Question Id : 9032012455 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The size and posterior end of female cocoon is

Options :

1. ✘ Bigger & pointed

2. ✔ Bigger & round

3. ✘ Small & pointed

4. ✘ Small & round

Question Number : 55 Question Id : 9032012456 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In case of bivoltines, moth emergence takes place in

Options :

1. ✘ 8-10 days

2. ✘ 10-12 days

3. ✓ 13-14 days

4. ✘ 14-16 days

Question Number : 56 Question Id : 9032012457 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Timely picking of moths after emergence will avoid

Options :

1. ✘ Floss

2. ✓ Selfing

3. ✘ Loss

4. ✘ Death

Question Number : 57 Question Id : 9032012458 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

After depairing, female moths are induced for urination by

Options :

1. ✘ Shaking the tray

2. ✓ Tapping the tray

3. ✗ Dark exposure

4. ✗ Semi dark exposure

Question Number : 58 Question Id : 9032012459 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Pebrine disease is caused by

Options :

1. ✓ Nosema bombycis

2. ✗ Aspergillus flavus

3. ✗ Aspergillus tamari

4. ✗ Beauveria bassiana

Question Number : 59 Question Id : 9032012460 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Removal of soft and loose layer of silk filament from the cocoons is called

Options :

1. ✗ Brushing

2. ✘ Reeling

3. ✔ Deflossing

4. ✘ Flossing

Question Number : 60 Question Id : 9032012461 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Breeding and evolving of new strains of silkworms are undertaken at

Options :

1. ✘ P1 Station

2. ✘ P2 Station

3. ✘ P3 Station

4. ✔ P4 Station

Question Number : 61 Question Id : 9032012462 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The Government maintains the

Options :

1. ✘ P1 Station only
2. ✘ P2 Station only
3. ✘ P3 Station only
4. ✔ Both P2 & P3 Station

Question Number : 62 Question Id : 9032012463 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The selling price of reproductive seeds in relation to reeling cocoons is

Options :

1. ✘ 20% more
2. ✔ 30-50% more
3. ✘ 60-70% more
4. ✘ 100% more

Question Number : 63 Question Id : 9032012464 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

After spinning the seed cocoons are harvested after

Options :

1. ✓ 5th or 6th day
2. ✗ 7th day
3. ✗ 8th day
4. ✗ 10th day

Question Number : 64 Question Id : 9032012465 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Pebrine infected pupae or adults are immediately disposed of by

Options :

1. ✗ Drowning
2. ✓ Burning
3. ✗ Burying in soil
4. ✗ Dumping in garbage

Question Number : 65 Question Id : 9032012466 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The optimal range of humidity required for preservation of seed cocoon/pupae is

Options :

1. ✘ 30-40%
2. ✘ 50-60%
3. ✔ 70-80%
4. ✘ 90-100%

Question Number : 66 Question Id : 9032012467 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Female adult moths are identified by the presence of

Options :

1. ✔ Narrow antennae
2. ✘ Pectinate antennae
3. ✘ Narrow abdomen
4. ✘ Claspers

Question Number : 67 Question Id : 9032012468 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The process undertaken to ensure moths of different races emerge simultaneously on the same day is known as

Options :

1. ✘ Equalization
2. ✔ Synchronization
3. ✘ Simplification
4. ✘ Hybridization

Question Number : 68 Question Id : 9032012469 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Properly preserved male moths pair up to _____times

Options :

1. ✔ 8
2. ✘ 10
3. ✘ 12
4. ✘ 15

Question Number : 69 Question Id : 9032012470 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Egg sheets are treated for eliminating surface contaminants by dipping in

Options :

1. ✘ 1% formalin
2. ✔ 2% formalin
3. ✘ 5% formalin
4. ✘ 10% formalin

Question Number : 70 Question Id : 9032012471 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which among the following varieties never undergoes diapause

Options :

1. ✘ Univoltines
2. ✘ Bivoltines
3. ✘ Uni-bivoltine hybrid
4. ✔ Multivoltines

Question Number : 71 Question Id : 9032012472 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The optimal temperature for cold acid treatment of eggs is

Options :

1. ✘ 20°C

2. ✔ 24°C

3. ✘ 30°C

4. ✘ 46°C

Question Number : 72 Question Id : 9032012473 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In cellular card method used in industrial egg production the number of compartments are

Options :

1. ✘ 24

2. ✔ 28

3. ✘ 32

4. ✘ 36

Question Number : 73 Question Id : 9032012474 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

An equipment used during pairing of male and female moths in grainage is

Options :

1. ✘ Antwell

2. ✘ Rack

3. ✘ Eggbox

4. ✔ Cellule

Question Number : 74 Question Id : 9032012475 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Indian multivoltine races require ____ days of incubation period till hatching

Options :

1. ✔ 10-11 days

2. ✘ 12-15 days

3. ✘ 15-17 days

4. ✘ 17-20 days

Question Number : 75 Question Id : 9032012476 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which amongst the following are not the advantage of loose eggs method of industrial egg production

Options :

1. ✘ Accurate weight calculation of eggs
2. ✘ Elimination of inferior quality eggs
3. ✘ Thorough washing of eggs
4. ✔ Ease of handling

Question Number : 76 Question Id : 9032012477 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Common natural fibers sourced from the animal kingdom is

Options :

1. ✘ Cotton
2. ✔ Wool
3. ✘ Flax

4. ✘ Hemp

Question Number : 77 Question Id : 9032012478 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Silk consists of the following two proteins

Options :

1. ✔ Fibroin & Sericin

2. ✘ Fibroin & Elastin

3. ✘ Elastin & Sericin

4. ✘ Sericin & Fibrin

Question Number : 78 Question Id : 9032012479 Question Type : MCQ Option Shuffling : Yes Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The character that indicates the quantity of silk present in the cocoon

Options :

1. ✘ Colour

2. ✘ Denier

3. ✘ Grain

4. ✔ Compactness

Question Number : 79 Question Id : 9032012480 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The length of the silk bave is the longest in

Options :

1. ✘ Indian multi-voltine races

2. ✘ Indian multi-voltine hybrids

3. ✘ Newly evolved hybrids

4. ✔ Uni/Bi-voltine hybrids

Question Number : 80 Question Id : 9032012481 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The ratio of cocoons reeled without break and the total number of cocoons utilized is known as

Options :

1. ✘ Denier

2. ✘ Grain

3. ✘ Shell ratio

4. ✔ Reelability

Question Number : 81 Question Id : 9032012482 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A coarse, non-uniform yarn called "dupion" is manufactured using

Options :

1. ✔ Double cocoon

2. ✘ Single cocoon

3. ✘ Melt cocoons

4. ✘ Dead cocoons

Question Number : 82 Question Id : 9032012483 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which amongst the following are unfit for reeling and can be used only for hand spinning

Options :

1. ✘ Thin-end cocoons
2. ✘ Flimsy cocoons
3. ✘ Stained cocoons
4. ✔ Pierced cocoons

Question Number : 83 Question Id : 9032012484 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

One of the largest Cocoon Market in India is located in

Options :

1. ✘ Nalgonda
2. ✘ Hindupur
3. ✔ Ramnagara
4. ✘ Kokrajhar

Question Number : 84 Question Id : 9032012485 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The cocoons dried to the optimum level may be conditioned for a minimum period of ____ days before taking up for reeling in order to achieve better reeling performance

Options :

1. ✓ 7-10
2. ✗ 12-14
3. ✗ 16-18
4. ✗ 20-22

Question Number : 85 Question Id : 9032012486 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Killing and drying of pupae by various methods is known as Cocoon

Options :

1. ✗ Preservation
2. ✗ Reeling
3. ✓ Stifling
4. ✗ Sorting

Question Number : 86 Question Id : 9032012487 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The number of conveyor platforms in the Yamato dryer is

Options :

1. ✘ 6

2. ✔ 8

3. ✘ 10

4. ✘ 12

Question Number : 87 Question Id : 9032012488 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The removal of defective cocoons to achieve better reeling performance is known as

Options :

1. ✔ Cocoon sorting

2. ✘ Cocoon storage

3. ✘ Cocoon mixing

4. ✘ Cocoon cooking

Question Number : 88 Question Id : 9032012489 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A process in which water is made to penetrate from outside to inside and inside to outside the cocoon shell is known as

Options :

1. ✘ Cocoon sorting
2. ✘ Cocoon storage
3. ✘ Cocoon mixing
4. ✔ Cocoon cooking

Question Number : 89 Question Id : 9032012490 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In post cocoon technology, the process by means of which the floss layer is removed is known as

Options :

1. ✘ Sorting
2. ✔ Brushing
3. ✘ Mixing

4. ✘ Cooking

Question Number : 90 Question Id : 9032012491 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

During reeling activity, the total hardness of water should be ideally less than

Options :

1. ✔ 75 ppm
2. ✘ 120 ppm
3. ✘ 150 ppm
4. ✘ 175 ppm

Question Number : 91 Question Id : 9032012492 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

To reel bivoltine cocoons on Multiend reeling machine in order to produce superior grade raw silk the reel speed should be

Options :

1. ✔ 100 - 120 meters/min
2. ✘ 120 - 140 meters/min

3. ✘ 150 - 160 meters/min

4. ✘ 180 meters/min

Question Number : 92 Question Id : 9032012493 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Intertwining of silk baves is technically called as

Options :

1. ✘ Reeling

2. ✔ Croissure

3. ✘ Treaverse

4. ✘ Re-reeling

Question Number : 93 Question Id : 9032012494 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Re-reeling may be done at a reel speed of

Options :

1. ✘ <100 meters/min

2. ✘ 100 - 140 meters/min

3. ✔ 150 - 180 meters/min

4. ✘ >180 meters/min

Question Number : 94 Question Id : 9032012495 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A length of yarn or thread wound on a reel or swift preparatory for use in manufacturing is a

Options :

1. ✘ Reel

2. ✘ Bundle

3. ✔ Skein

4. ✘ Croissure

Question Number : 95 Question Id : 9032012496 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The tensile strength of silk is with a breaking load of nearly

Options :

1. ✓ 5000 kg/cm³

2. ✗ 7500 kg/cm³

3. ✗ 9000 kg/cm³

4. ✗ 10000 kg/cm³

Question Number : 96 Question Id : 9032012497 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Raw silk has a density of

Options :

1. ✗ 1.0

2. ✗ 1.25

3. ✓ 1.33

4. ✗ 1.42

Question Number : 97 Question Id : 9032012498 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In cross section the bave from the floss layer is

Options :

1. ✘ Circular
2. ✘ Slightly circular
3. ✘ Elliptical
4. ✔ Slightly elliptical

Question Number : 98 Question Id : 9032012499 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Silk is sensitive to weakening by

Options :

1. ✘ Visible Light
2. ✔ UV Light
3. ✘ IR Light
4. ✘ Radiowaves

Question Number : 99 Question Id : 9032012500 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Removal of sericin from the silk fibroin either by hydrolytic or enzymatic methods is known as

Options :

1. ✘ Doubling
2. ✔ Degumming
3. ✘ Gumming
4. ✘ Singling

Question Number : 100 Question Id : 9032012501 Question Type : MCQ Option Shuffling : Yes

Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A

Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The most suitable dye for silk is

Options :

1. ✔ Acid dyes
2. ✘ basic dyes
3. ✘ Metal-complex dyes
4. ✘ Reactive dyes