

National Testing Agency

Question Paper Name :	Sericulture 17th September Shift 2
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Sericulture

Group Number :	1
Group Id :	19088981
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	480
Is this Group for Examiner? :	No

Part A: General Knowledge

Section Id :	190889167
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	80
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889207
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 1908899022 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following is the device used to measure the power and speed of the wind?

1. Avometer
2. Anemometer
3. Airometer
4. Aviontimeter

Options :

- 19088935981. 1
- 19088935982. 2
- 19088935983. 3
- 19088935984. 4

Question Number : 2 Question Id : 1908899023 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Optical fibre used the concept of which of the following?

1. Reflection
2. Refraction
3. Total internal reflection
4. Total internal refraction

Options :

19088935985. 1

19088935986. 2

19088935987. 3

19088935988. 4

Question Number : 3 Question Id : 1908899024 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Yellow vein mosaic is the viral disease of which of the following plants?

1. Ladyfinger
2. Papaya
3. Sugarcane
4. Banana

Options :

19088935989. 1

19088935990. 2

19088935991. 3

19088935992. 4

Question Number : 4 Question Id : 1908899025 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following organ(s) is affected by Mumps disease?

1. Entire body
2. Skin
3. Eye
4. Parotid

Options :

19088935993. 1

19088935994. 2

19088935995. 3

19088935996. 4

Question Number : 5 Question Id : 1908899026 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the chemical name of vitamin B₂?

1. Riboflavin
2. Calciferol
3. Pyridoxin
4. Niacin

Options :

19088935997. 1

19088935998. 2

19088935999. 3

19088936000. 4

Question Number : 6 Question Id : 1908899027 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is not the input unit of the computer?

1. Mouse
2. Keyboard
3. Screen
4. Scanner

Options :

19088936001. 1

19088936002. 2

19088936003. 3

19088936004. 4

Question Number : 7 Question Id : 1908899028 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The digital computer operates on which of the following principle?

1. Measurement
2. Calculation
3. Logical
4. Electrification

Options :

19088936005. 1

19088936006. 2

19088936007. 3

19088936008. 4

Question Number : 8 Question Id : 1908899029 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The non-cooperation movement of Gandhiji was launched in which of the following year?

1. 1915
2. 1922
3. 1920
4. 1930

Options :

19088936009. 1

19088936010. 2

19088936011. 3

19088936012. 4

Question Number : 9 Question Id : 1908899030 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

An Islamic revivalist movement named Wahabi movement was founded by which of the following person?

1. Sian Saheb
2. Syed Ahmed
3. Haji Shariat-Allah
4. DaduMian

Options :

19088936013. 1

19088936014. 2

19088936015. 3

19088936016. 4

Question Number : 10 Question Id : 1908899031 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is considered as the “Magna Carta of England Education in India”?

1. Hunter education commission
2. Lord Macaulay’s Minute
3. Wood’s Despatch
4. Thomas Babington Macaulay

Options :

19088936017. 1

19088936018. 2

19088936019. 3

19088936020. 4

Question Number : 11 Question Id : 1908899032 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following nutrient does not come under the ambit of 'macro-nutrients in Soil Health Card?

1. Nitrogen
2. Zinc
3. Phosphorous
4. Potassium

Options :

19088936021. 1

19088936022. 2

19088936023. 3

19088936024. 4

Question Number : 12 Question Id : 1908899033 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Cole crops, root crops and legumes come under the ambit of which of the following?

1. Olericulture
2. Pomology
3. Viticulture
4. Arboriculture

Options :

19088936025. 1

19088936026. 2

19088936027. 3

19088936028. 4

Question Number : 13 Question Id : 1908899034 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The study of individual trees, shrubs, vines, and perennial woody plants is known as which of the following?

1. Turf management
2. Arboriculture
3. Pomology
4. Viticulture

Options :

19088936029. 1

19088936030. 2

19088936031. 3

19088936032. 4

Question Number : 14 Question Id : 1908899035 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The ministry is implementing MIDH (Mission for Integrated Development of Horticulture) with effect from which of the following year?

1. 2012-13
2. 2019-20
3. 2015-16
4. 2014-15

Options :

19088936033. 1

19088936034. 2

19088936035. 3

19088936036. 4

Question Number : 15 Question Id : 1908899036 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The interaction of soils with living things, particularly plants are well known as which of the following?

1. Edaphology
2. Pedology
3. Soil zoology
4. Pedogenesis

Options :

19088936037. 1

19088936038. 2

19088936039. 3

19088936040. 4

Question Number : 16 Question Id : 1908899037 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following systems has also incorporated social aspects in itself?

1. Landscaping
2. Permaculture
3. Horticulture
4. Forest gardening

Options :

19088936041. 1

19088936042. 2

19088936043. 3

19088936044. 4

Question Number : 17 Question Id : 1908899038 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What do you term the phenomenon whereby the specific gene is added to the plant for producing a desirable phenotype?

1. Genetic manipulation
2. Genetic recombination
3. Genetic modification
4. Genetic hybridisation

Options :

19088936045. 1

19088936046. 2

19088936047. 3

19088936048. 4

Question Number : 18 Question Id : 1908899039 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the focus of the participatory plant breeding program?

1. Scientists
2. Plants
3. Environment
4. Farmers

Options :

19088936049. 1

19088936050. 2

19088936051. 3

19088936052. 4

Question Number : 19 Question Id : 1908899040 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

How do you term the form of agriculture, in which, industrialized production of crops and animal products takes place?

1. Manufactured agriculture
2. Modern agriculture
3. Industrial agriculture
4. Mechanistic agriculture

Options :

19088936053. 1

19088936054. 2

19088936055. 3

19088936056. 4

Question Number : 20 Question Id : 1908899041 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Micro-irrigation fund of Rs. 5.000 crore has been placed with which of the following organization?

1. NABARD
2. IDBI
3. SBI
4. RRBs

Options :

19088936057. 1

19088936058. 2

19088936059. 3

19088936060. 4

Part B Core : Crop Sciences-II

Section Id : 190889168

Section Number : 2

Section type : Online

Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889208
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 1908899042 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Crown gall disease of plant is caused by *Agrobacterium tumefaciens*

Statement II: Ti-plasmid contains T-DNA where it integrates into the nuclear genome

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936061. 1

19088936062. 2

19088936063. 3

19088936064. 4

Question Number : 22 Question Id : 1908899043 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Apothecium	I. A group of conidiophores cemented together
B. Cleistothecium	II. A closed ascocarp with a pore at top
C. Synnema	III. A completely closed ascocarp
D. Perithecium	IV. An open ascocarp

Choose the **correct** answer from the options given below:

1. A - III, B - II, C - IV, D - I
2. A - IV, B - III, C - I, D - II
3. A - I, B - II, C - III, D - IV
4. A - II, B - IV, C - III, D - I

Options :

19088936065. 1

19088936066. 2

19088936067. 3

19088936068. 4

Question Number : 23 Question Id : 1908899044 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

For the first time, copper sulphate was used as wheat seed treatment to control

1. Smut
2. Bunt
3. Yellow rot
4. Rust

Options :

19088936069. 1

19088936070. 2

19088936071. 3

19088936072. 4

Question Number : 24 Question Id : 1908899045 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: *Candidatus phytoplasma* is a wall-less prokaryote transmitted by leaf hopper

Statement II: *Candidatus phytoplasma* is highly sensitive to tetracycline antibiotic

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936073. 1

19088936074. 2

19088936075. 3

19088936076. 4

Question Number : 25 Question Id : 1908899046 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Non-edible oyster mushroom is

1. *Pleurotus ostreatus*
2. *Pleurotus citrinopileatus*
3. *Pleurotus salmoneo*
4. *Pleurotus olearius*

Options :

19088936077. 1

19088936078. 2

19088936079. 3

19088936080. 4

Question Number : 26 Question Id : 1908899047 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The cell wall composition of oomycetes fungi is

1. Chitin
2. Cellulose
3. Glycogen
4. Chitosan

Options :

19088936081. 1

19088936082. 2

19088936083. 3

19088936084. 4

Question Number : 27 Question Id : 1908899048 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The term "Pathovar" is used in the taxonomy of plant pathogens belonging to

1. Mycoplasma
2. Fungi
3. Nematodes
4. Bacteria

Options :

19088936085. 1

19088936086. 2

19088936087. 3

19088936088. 4

Question Number : 28 Question Id : 1908899049 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. <i>Illeis cincta</i>	I. Wheat rust
B. <i>Brevenia rehi</i>	II. Plant viruses
C. IARI Regional Station, Pune	III. Stunted paddy in circular patches
D. IARI Regional Station, Wellington	IV. Mycophagous

Choose the **correct** answer from the options given below:

1. A - III, B - II, C - IV, D - I
2. A - IV, B - III, C - II, D - I
3. A - I, B - II, C - III, D - IV
4. A - II, B - IV, C - III, D - I

Options :

19088936089. 1

19088936090. 2

19088936091. 3

19088936092. 4

Question Number : 29 Question Id : 1908899050 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Tabtoxin	I. <i>Alternaria alternate</i>
B. Tentoxin	II. <i>Cochiobolus carbonum</i>
C. H C-Toxin	III. <i>Pseudomonas syringae</i>
D. P C-Toxin	IV. <i>Periconia circinta</i>

Choose the **correct** answer from the options given below:

1. A - II, B - III, C - IV, D - I
2. A - I, B - II, C - IV, D - III
3. A - II, B - IV, C - I, D - I
4. A - III, B - I, C - II, D - IV

Options :

19088936093. 1

19088936094. 2

19088936095. 3

19088936096. 4

Question Number : 30 Question Id : 1908899051 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Aphid transmitted non-persistent virus is

A. Afamovirus

B. Nanovirus

C. Fabavirus

D. Potyvirus

Choose the *correct* answer from the options given below:

1. A, C and D only
2. A and D only
3. A, B and C only
4. A and B only

Options :

19088936097. 1

19088936098. 2

19088936099. 3

19088936100. 4

Question Number : 31 Question Id : 1908899052 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Leaf streak disease of rice is caused by Xanthomonas oryzae.

Statement II: Leaf streak disease is a vascular disease.

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936101. 1

19088936102. 2

19088936103. 3

19088936104. 4

Question Number : 32 Question Id : 1908899053 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Salicylic acid reacts with two major H_2O_2 -scavenging plant enzymes

- A. Catalase
- B. Ascorbate peroxidase
- C. Aconitase
- D. Cellulase

Choose the *correct* answer from the options given below:

1. A and C only
2. A and B only
3. B and D only
4. A and D only

Options :

19088936105. 1

19088936106.2

19088936107.3

19088936108.4

Question Number : 33 Question Id : 1908899054 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Aflatoxin in peanuts is caused by

1. *Aspergillus niger*
2. *Aspergillus fumigatus*
3. *Aspergillus flavus*
4. *Aspergillus nidulans*

Options :

19088936109.1

19088936110.2

19088936111.3

19088936112.4

Question Number : 34 Question Id : 1908899055 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Fungal pathogen produces enzyme to degrade cuticular wax

1. *Alternaria solani*
2. *Colletotrichum capsici*
3. *Puccinia hordei*
4. *Albugo nidulans*

Options :

19088936113.1

19088936114.2

19088936115.3

19088936116.4

Question Number : 35 Question Id : 1908899056 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: *Rhabditis plectus* and *Wilsonema otophorum* are entomopathogenic

Statement II: *Steinernema* and *Heterorhabditis* are entomopathogenic

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936117. 1

19088936118. 2

19088936119. 3

19088936120. 4

Question Number : 36 Question Id : 1908899057 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Triehanolamine formalin is used as fixative to fix

1. Nematodes
2. Immature insects
3. Mites
4. Fish embryo

Options :

19088936121. 1

19088936122. 2

19088936123. 3

19088936124. 4

Question Number : 37 Question Id : 1908899058 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Following is characterized by having ribbed bursa

1. *Ditylenchus dipsaci*
2. *Helicotylenchus dihystera*
3. *Aphelenchus avenae*
4. *Pratylenchus penetrans*

Options :

19088936125. 1

19088936126. 2

19088936127. 3

19088936128. 4

Question Number : 38 Question Id : 1908899059 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: *Mononchus*, *Dorylaimus* and *Actimolaimus* are predatory soil inhabiting nematodes

Statement II: *Belonolaimus*, *Dolichodoros* and *Trichodoros* are plant parasite nematodes

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936129. 1

19088936130. 2

19088936131. 3

19088936132. 4

Question Number : 39 Question Id : 1908899060 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Nurse cells at feeding site are induced by

1. *Tylenchuhus semipenetrans*
2. *Rotylenchulus reniformis*
3. *Heterodera avenae*
4. *Pratylenchus subpenetrans*

Options :

19088936133. 1

19088936134. 2

19088936135. 3

19088936136. 4

Question Number : 40 Question Id : 1908899061 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Ufra	I. <i>Heterodera</i>
B. Cyst	II. <i>Meloidogyne</i>
C. Gall	III. <i>Dorylaimus</i>
D. Soil inhabitant	IV. <i>Ditylenchus</i>

Choose the **correct** answer from the options given below:

1. A - IV, B - I, C - II, D - III
2. A - IV, B - III, C - I, D - II
3. A - I, B - II, C - III, D - IV
4. A - II, B - IV, C - III, D - I

Options :

19088936137. 1

19088936138. 2

19088936139. 3

19088936140. 4

Question Number : 41 Question Id : 1908899062 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Predatory soil nematodes act as a biocontrol agents against plant parasitic nematodes

Statement II: *Pratylenchus* and *Radopholus* are ectoparasitic on plant roots

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936141. 1

19088936142. 2

19088936143. 3

19088936144. 4

Question Number : 42 Question Id : 1908899063 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Plants infected by *Meloidogyne incognita*, present above ground symptoms as

- A. Water and nutrient stress
- B. Hypertrophy and Hyperplasia
- C. Wilting and stunting
- D. Yellowing of plant

Choose the *correct* answer from the options given below:

1. A, B and C only
2. A, C and D only
3. A, B and D only
4. B, C and D only

Options :

19088936145. 1

19088936146. 2

19088936147. 3

19088936148. 4

Question Number : 43 Question Id : 1908899064 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Heterodera avenae is an important pest of

1. Maize and sorghum
2. Pigeon pea, and Chickpea
3. Wheat and barley
4. Rice and Ragi

Options :

19088936149. 1

19088936150. 2

19088936151. 3

19088936152. 4

Question Number : 44 Question Id : 1908899065 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Scutellonema bradys is a pest of

1. Potato
2. Yam
3. Cowpea
4. Grapevine

Options :

19088936153. 1

19088936154. 2

19088936155. 3

19088936156. 4

Question Number : 45 Question Id : 1908899066 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

First plant parasite nematode, *Angutina tritici* was named *Vibrio tritici* by J.T. Needham in the year

1. 1853
2. 1743
3. 1756
4. 1734

Options :

19088936157. 1
19088936158. 2
19088936159. 3
19088936160. 4

Question Number : 46 Question Id : 1908899067 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Mites in cotton	I. 1-2 nymphs/adults per leaf
B. Thrips in cotton	II. 10/cm per leaf
C. Whitefly in cotton	III. 5-10 per leaf
D. Aphids in cotton	IV. 15-20% of plants infested

Choose the **correct** answer from the options given below:

1. A - II, B - I, C - IV, D - III
2. A - I, B - II, C - IV, D - III
3. A - II, B - III, C - I, D - IV
4. A - II, B - I, C - III, D - IV

Options :

19088936161. 1
19088936162. 2
19088936163. 3
19088936164. 4

Question Number : 47 Question Id : 1908899068 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The enzyme involved in melanogenesis is

1. Tyrosinase
2. Protenase
3. Lipase
4. Cellulase

Options :

19088936165. 1

19088936166. 2

19088936167. 3

19088936168. 4

Question Number : 48 Question Id : 1908899069 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: The interval between the moulting is known as instar

Statement II: The skins casted by the insect are known as exuviae

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936169. 1

19088936170. 2

19088936171. 3

19088936172. 4

Question Number : 49 Question Id : 1908899070 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which vitamins are essential to insects?

1. Vitamin A & E
2. Vitamin B & D
3. Vitamin A & C
4. Vitamin C & D

Options :

19088936173. 1

19088936174. 2

19088936175. 3

19088936176. 4

Question Number : 50 Question Id : 1908899071 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is called obligate symbiosis?

1. Commensalism
2. Mutualism
3. Proto co-operation
4. Amensalism

Options :

19088936177. 1

19088936178. 2

19088936179. 3

19088936180. 4

Question Number : 51 Question Id : 1908899072 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which caste of the termite causes damage to crops?

1. King
2. Queen
3. Worker
4. Soldier

Options :

19088936181. 1

19088936182. 2

19088936183. 3

19088936184. 4

Question Number : 52 Question Id : 1908899073 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the breeding host for fruit sucking moth *Eudocima* spp?

1. *Tinospora cardifolia*
2. *Gynandropsis pentaphylla*
3. *Ipomea* sp.
4. *Triumfetta rhomboidea*

Options :

19088936185. 1

19088936186. 2

19088936187. 3

19088936188. 4

Question Number : 53 Question Id : 1908899074 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Gas released from aluminium phosphide depletes ozone layer

Statement II: Gas released from methyl bromide does not deplete ozone layer

In light of the above statements, choose the *most appropriate* answer from the options given below :

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936189. 1

19088936190. 2

19088936191. 3

19088936192. 4

Question Number : 54 Question Id : 1908899075 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The droplet size in aerosol spray is

1. $>500\mu$
2. $300-500\mu$
3. $100-300\mu$
4. $<60\mu$

Options :

19088936193. 1

19088936194. 2

19088936195. 3

19088936196. 4

Question Number : 55 Question Id : 1908899076 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Orifice plate	I. Prevents debris entering the orifice
B. Whirl plate	II. Prevents leakage
C. Spacer	III. Regulate the flow rate
D. Strainer	IV. Rotates the fluid

Choose the *correct* answer from the options given below:

1. A - II, B - III, C - I, D - IV
2. A - III, B - I, C - IV, D - II
3. A - IV, B - III, C - I, D - II
4. A - III, B - IV, C - II, D - I

Options :

19088936197. 1

19088936198. 2

19088936199. 3

19088936200. 4

Question Number : 56 Question Id : 1908899077 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Field coverage of soil injecting gun (2lit cap) in case of nematicidal fumigant application is

1. 0.5 ha
2. 1.0 ha
3. 1.5 ha
4. 2.0 ha

Options :

19088936201. 1

19088936202. 2

19088936203. 3

19088936204. 4

Question Number : 57 Question Id : 1908899078 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Bromadiolone	I. Contact and stomach poison
B. Sulphur	II. Contact and fumigant
C. Malathion	III. Contact poison
D. Dichlorvos	IV. Anticoagulant

Choose the correct answer from the options given below:

1. A - II, B - III, C - I, D - IV
2. A - III, B - I, C - IV, D - II
3. A - IV, B - III, C - I, D - II
4. A - III, B - IV, C - II, D - I

Options :

19088936205. 1

19088936206. 2

19088936207. 3

19088936208. 4

Question Number : 58 Question Id : 1908899079 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Following is the most dominating biocontrol agent of water hyacinth in India

1. *Neochetina* spp.
2. *Cyrtobagous salviniae*
3. *Agasicles hygrophila*
4. *Teleonemaia scrupulosa*

Options :

19088936209. 1

19088936210. 2

19088936211. 3

19088936212.4

Question Number : 59 Question Id : 1908899080 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the termite caste is fertile?

1. Presoldiers
2. Alates
3. Worker
4. Soldiers

Options :

19088936213.1

19088936214.2

19088936215.3

19088936216.4

Question Number : 60 Question Id : 1908899081 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Powdery mildew in mulberry is caused by

1. *Phyllactina corylea*
2. *Meloidogyne incognita*
3. *Acidium mori*
4. *Cercospora moricola*

Options :

19088936217.1

19088936218.2

19088936219.3

19088936220.4

Question Number : 61 Question Id : 1908899082 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Uzi fly belongs to the family

1. Meloidae
2. Tachinidae
3. Saturnidae
4. Pyralidae

Options :

19088936221. 1

19088936222. 2

19088936223. 3

19088936224. 4

Question Number : 62 Question Id : 1908899083 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Covering of soil in-between rows of mulberry with organic waste is known as

1. Manuring
2. Mulching
3. Solarization
4. Flooding

Options :

19088936225. 1

19088936226. 2

19088936227. 3

19088936228. 4

Question Number : 63 Question Id : 1908899084 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Mulberry is largely pollinated by

1. Honey bees
2. Wind
3. Birds
4. Butterflies

Options :

19088936229. 1

19088936230. 2

19088936231. 3

19088936232. 4

Question Number : 64 Question Id : 1908899085 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Glands that discharge their products directly into blood stream are called

1. Endocrine
2. Secretary
3. Exocrine
4. Salivary

Options :

19088936233. 1

19088936234. 2

19088936235. 3

19088936236. 4

Question Number : 65 Question Id : 1908899086 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The silkworm respire through

1. Gills
2. Air sacs
3. Book lungs
4. Tracheae

Options :

19088936237. 1

19088936238. 2

19088936239. 3

19088936240. 4

Question Number : 66 Question Id : 1908899087 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The scientific name of castor is

1. *Morus alba*
2. *Carica papaya*
3. *Samia ricini*
4. *Ricinus communis*

Options :

19088936241. 1

19088936242. 2

19088936243. 3

19088936244. 4

Question Number : 67 Question Id : 1908899088 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Calcified cocoons are the ones destroyed by

1. Virus
2. Bacteria
3. Fungus
4. Protozoa

Options :

19088936245. 1

19088936246. 2

19088936247. 3

19088936248. 4

Question Number : 68 Question Id : 1908899089 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The recommended quantity of FYM/compost for irrigated mulberry garden/ha/year is

1. 40 MT
2. 30 MT
3. 20 MT
4. 10 MT

Options :

19088936249. 1

19088936250. 2

19088936251. 3

19088936252. 4

Question Number : 69 Question Id : 1908899090 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The hibernating eggs are preserved in

1. Cold storage
2. Oven
3. Incubator
4. Refrigerator

Options :

19088936253. 1

19088936254. 2

19088936255. 3

19088936256. 4

Question Number : 70 Question Id : 1908899091 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Most effective method of irrigation involving less wastage of water in moriculture is

1. Flood irrigation
2. Drip irrigation
3. Sprinkler irrigation
4. Furrow irrigation

Options :

19088936257. 1

19088936258. 2

19088936259. 3

19088936260. 4

Part C : Sericulture

Section Id : 190889169

Section Number : 3

Section type : Online

Mandatory or Optional : Mandatory

Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889209
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 1908899092 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Mulberry grows well with a temperature range of

1. 13-20°C
2. 22-30°C
3. 30-35°C
4. 10-15°C

Options :

19088936261. 1

19088936262. 2

19088936263. 3

19088936264. 4

Question Number : 72 Question Id : 1908899093 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

At the time of emergence, moth excrete

1. Acidic fluid
2. Alkaline fluid
3. Water
4. Acidic and alkaline fluid

Options :

19088936265. 1

19088936266. 2

19088936267. 3

19088936268. 4

Question Number : 73 Question Id : 1908899094 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The latest valid scientific name of mulberry silkworm Uzi fly is

1. *Exorista sorbillans*
2. *Trycolyga sorbillans*
3. *Trycilyga bombycis*
4. *Exorista bombycis*

Options :

19088936269. 1

19088936270. 2

19088936271. 3

19088936272. 4

Question Number : 74 Question Id : 1908899095 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Transovarially transmitted disease in silkworm is

1. Grasserie
2. Flacherie
3. Pebrine
4. Mycosis

Options :

19088936273. 1

19088936274. 2

19088936275. 3

19088936276. 4

Question Number : 75 Question Id : 1908899096 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Juvenile hormone is secreted by

1. Sub oesophagial ganglion
2. Corpora allata
3. Corpora cardiaca
4. Neurosecretory cells

Options :

19088936277. 1

19088936278. 2

19088936279. 3

19088936280. 4

Question Number : 76 Question Id : 1908899097 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Denier denotes

1. Length of the filament
2. Luster of the filament
3. Thickness of the filament
4. Strength of the filament

Options :

19088936281. 1

19088936282. 2

19088936283. 3

19088936284. 4

Question Number : 77 Question Id : 1908899098 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Eri cocoon	I. Golden yellow silk
B. Tasar cocoon	II. Ahimsa silk
C. Muga silk	III. Open type
D. Eri silk	IV. Ring and peduncle

Choose the **correct** answer from the options given below:

1. A - I, B - II, C - III, D - IV
2. A - II, B - I, C - IV, D - III
3. A - III, B - IV, C - I, D - II
4. A - I, B - II, C - IV, D - III

Options :

19088936285. 1

19088936286. 2

19088936287. 3

19088936288. 4

Question Number : 78 Question Id : 1908899099 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Equatorial plate in silkworm is formed during

1. Prophase
2. Anaphase
3. Metaphase
4. Telophase

Options :

19088936289. 1

19088936290. 2

19088936291. 3

19088936292. 4

Question Number : 79 Question Id : 1908899100 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Black scars on silkworm body depicts the symptom of

1. Dermistids
2. Uzi fly
3. Yellow fly
4. Muscardine

Options :

19088936293. 1

19088936294. 2

19088936295. 3

19088936296. 4

Question Number : 80 Question Id : 1908899101 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

India's position in global Tasar silk production is

1. First
2. Second
3. Third
4. Fourth

Options :

19088936297. 1

19088936298. 2

19088936299. 3

19088936300. 4

Question Number : 81 Question Id : 1908899102 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Method of cocoons harvesting depends on

1. Type of Mountage
2. Silkworm race
3. Silkworm rearing
4. Silkworm seed

Options :

19088936301. 1

19088936302. 2

19088936303. 3

19088936304. 4

Question Number : 82 Question Id : 1908899103 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The mulberry inflorescence is called

1. Catkin
2. Spike
3. Receme
4. Hypanthodium

Options :

19088936305. 1

19088936306. 2

19088936307. 3

19088936308. 4

Question Number : 83 Question Id : 1908899104 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. CSGRC	I. New Delhi
B. NBPGR	II. Hosur, Tamil Nadu
C. CSRTI	III. Budgam, Jammu and Kashmir
D. SITH	IV. Mysuru, Karnataka

Choose the **correct** answer from the options given below:

1. A - I, B - II, C - III, D - IV
2. A - II, B - I, C - IV, D - III
3. A - II, B - I, C - III, D - IV
4. A - I, B - II, C - IV, D - III

Options :

19088936309. 1

19088936310. 2

19088936311. 3

19088936312. 4

Question Number : 84 Question Id : 1908899105 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Antheraea assamensis	I. Shorea robusta
B. Antheraea mylitta	II. Ricinus communis
C. Antheraea pernyi	III. Persea bombycina
D. Samia ricini	IV. Quercus spp.

Choose the **correct** answer from the options given below:

1. A - I, B - II, C - III, D - IV
2. A - II, B - I, C - IV, D - III
3. A - II, B - I, C - III, D - IV
4. A - III, B - I, C - IV, D - II

Options :

19088936313. 1

19088936314. 2

19088936315. 3

19088936316. 4

Question Number : 85 Question Id : 1908899106 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: One pair of silk glands opens up in spinnerate and spins the silk

Statement II: Two pair of silk glands opens up in spinnerate and spin the silk

In light of the above statements, choose the *most appropriate* answer from the options given below:

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936317. 1

19088936318. 2

19088936319. 3

19088936320. 4

Question Number : 86 Question Id : 1908899107 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which α -amino acid in highest proportion presents in silk fibroin?

1. Alanine
2. Serine
3. Glycine
4. Lucine

Options :

19088936321. 1

19088936322. 2

19088936323. 3

19088936324. 4

Question Number : 87 Question Id : 1908899108 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

"Louis Pasteur Award" for sericulture is presented by.

1. International Sericulture Commission
2. French Academy of Sciences
3. International Sericulture Society
4. Ramon Magsaysay Award Foundation

Options :

19088936325. 1

19088936326. 2

19088936327. 3

19088936328. 4

Question Number : 88 Question Id : 1908899109 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

"Slaked lime" in silkworm rearing is used to

1. To destroy silkworm viruses and regulate bed humidity
2. To kill uzifly and regulate bed temperature
3. To kill pests and regulate bed humidity
4. To destroy silkworm fungus and regulate bed humidity

Options :

19088936329. 1

19088936330. 2

19088936331. 3

19088936332. 4

Question Number : 89 Question Id : 1908899110 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The V₁ variety of mulberry was developed/evolved by

1. KSSRDI, Bangalore
2. CSRTI, Mysore
3. CSRTI, Pampore
4. CSRTI, Berhampore

Options :

19088936333. 1

19088936334. 2

19088936335. 3

19088936336. 4

Question Number : 90 Question Id : 1908899111 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The oval shaped cocoon is a characteristic feature of

1. Japanese breeds
2. European breeds
3. Indian breeds
4. Chinese breeds

Options :

19088936337. 1

19088936338. 2

19088936339. 3

19088936340. 4

Question Number : 91 Question Id : 1908899112 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Skeletonization of mulberry leaf is a characteristic symptom of

1. Early age caterpillars of *Spodoptera litura*
2. Early age caterpillars of *Spilosoma obliqua*
3. Late age caterpillars of *Spodoptera litura*
4. Late age caterpillars of *Spilosoma obliqua*

Options :

19088936341. 1

19088936342. 2

19088936343. 3

19088936344. 4

Question Number : 92 Question Id : 1908899113 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The mulberry variety developed by KSSRDI

1. MRI
2. Vishwa
3. K2
4. V1

Options :

19088936345. 1

19088936346. 2

19088936347. 3

19088936348. 4

Question Number : 93 Question Id : 1908899114 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The scientific name of tachinid associated with tasar silkworm is

1. *Xanthopimpla predator*
2. *Exorista bombycis*
3. *Blepharipa zebina*
4. *Vespa orientalis*

Options :

19088936349. 1

19088936350. 2

19088936351. 3

19088936352. 4

Question Number : 94 Question Id : 1908899115 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The air and water permeability in boiling is largely dependent on

1. Size of the cocoon
2. Shape of the cocoon
3. Thickness of the cocoon
4. Weight of the cocoon

Options :

19088936353. 1

19088936354. 2

19088936355. 3

19088936356. 4

Question Number : 95 Question Id : 1908899116 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

CSR hybrids are developed under

1. JICA
2. KSSRDI
3. NSSO
4. World Bank

Options :

19088936357. 1

19088936358. 2

19088936359. 3

19088936360. 4

Question Number : 96 Question Id : 1908899117 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: DFL refers to the Disease free eggs laid by one female Moth

Statement II: NSSO, Central Silk Board is located in New Delhi

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936361. 1

19088936362. 2

19088936363. 3

19088936364. 4

Question Number : 97 Question Id : 1908899118 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ISC stands for

1. International Sericultural Commission
2. Indian Sericultural Cooperative
3. International Silk Commission
4. Indian Silk Commission

Options :

19088936365. 1

19088936366. 2

19088936367. 3

19088936368. 4

Question Number : 98 Question Id : 1908899119 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Central Muga and Eri Research and Training Institute is situated at

1. Kaziranga, Assam
2. Lahdoigarh, Assam
3. Boko, Assam
4. Mariani, Assam

Options :

19088936369. 1

19088936370. 2

19088936371. 3

19088936372. 4

Question Number : 99 Question Id : 1908899120 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Muga silkworm, *Antheraea assamensis* (Helfer) belongs to

1. Bombycidae
2. Saturniidae
3. Noctuidae
4. Lymantriidae

Options :

19088936373. 1

19088936374. 2

19088936375. 3

19088936376. 4

**Question Number : 100 Question Id : 1908899121 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Tropical Tasar silkworm feeds on *Lagerstroemia speciosa*

Statement II: Modia, Lodhma, Palma, Jhabua, Raily are ecoraces of Tropical Tasar silkworm

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936377. 1

19088936378. 2

19088936379. 3

19088936380. 4

**Question Number : 101 Question Id : 1908899122 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. <i>Exorista sorbillans</i>	I. Uzi fly parasitoid
B. <i>Blepharipa zebina</i>	II. Mulberry leaf webber
C. <i>Nesolynx thymus</i>	III. Tasar silkworm uzi fly
D. <i>Glyphodes pyloalis</i>	IV. Mulberry silkworm uzi fly

Choose the **correct** answer from the options given below:

1. A - I, B - II, C - III, D - IV
2. A - II, B - I, C - IV, D - III
3. A - II, B - I, C - III, D - IV
4. A - IV, B - III, C - I, D - II

Options :

19088936381. 1

19088936382. 2

19088936383. 3

19088936384. 4

Question Number : 102 Question Id : 1908899123 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Root - knot of mulberry	I. <i>Cerotelium fici</i>
B. Root - rot of mulberry	II. <i>Phyllactinia corylea</i>
C. Powdery mildew of mulberry	III. <i>Meloidogyne incognita</i>
D. Black mulberry leaf rust	IV. <i>Fusarium solani</i>

Choose the **correct** answer from the options given below:

1. A - I, B - II, C - III, D - IV
2. A - II, B - I, C - IV, D - III
3. A - II, B - I, C - III, D - IV
4. A - III, B - IV, C - II, D - I

Options :

19088936385. 1

19088936386. 2

19088936387. 3

19088936388. 4

Question Number : 103 Question Id : 1908899124 Question Type : MCQ Option Shuffling : No**Is Question Mandatory : No****Correct Marks : 4 Wrong Marks : 1**

Match List I with List II

List I	List II
A. Trait	I. An organism that has two different alleles for a gene
B. Hybridization	II. Breeding an organism of unknown genotype with a recessive homozygote
C. Heterozygote	III. Each variant for a character
D. Test cross	IV. The mating or crossing of two true breeding varieties

Choose the *correct* answer from the options given below:

1. A - I, B - II, C - III, D - IV
2. A - II, B - I, C - IV, D - III
3. A - II, B - I, C - III, D - IV
4. A - III, B - IV, C - I, D - II

Options :

19088936389. 1

19088936390. 2

19088936391. 3

19088936392. 4

Question Number : 104 Question Id : 1908899125 Question Type : MCQ Option Shuffling : No**Is Question Mandatory : No****Correct Marks : 4 Wrong Marks : 1**

CRS stands for

1. Chawkie Rearing Committee
2. Chawkie Rearing Capability
3. Chawkie Rearing Center
4. Chawkie Rearing Culture

Options :

19088936393. 1

19088936394. 2

19088936395. 3

19088936396. 4

Question Number : 105 Question Id : 1908899126 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

An ordered list of the genetic loci along a particular chromosome is known as

1. Genetic map
2. Genetic variability
3. Genetic linkage
4. Genetic drift

Options :

19088936397. 1

19088936398. 2

19088936399. 3

19088936400. 4

Question Number : 106 Question Id : 1908899127 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Green Muscardine in silkworm is caused by

1. BmNPV
2. *Beauveria bassiana*
3. *Nomuraea rileyi*
4. *Nosema bombycis*

Options :

19088936401. 1

19088936402. 2

19088936403. 3

19088936404. 4

Question Number : 107 Question Id : 1908899128 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In nature, a number of moults in silkworm larvae are

1. 3
2. 4
3. 5
4. 6

Options :

19088936405. 1

19088936406. 2

19088936407. 3

19088936408. 4

Question Number : 108 Question Id : 1908899129 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Grainage, pertains to a place where disease free and quality

1. Silkworm eggs are produced
2. Silkworm cocoon seeds are produced
3. Silkworm rearing is conducted
4. Silk coons are reeled

Options :

19088936409. 1

19088936410. 2

19088936411. 3

19088936412. 4

Question Number : 109 Question Id : 1908899130 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: The normal nucleated Spermatozoa are known as Eupyrene spermatozoa

Statement II: The non-nucleated Spermatozoa are known as Apyrene spermatozoa

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936413. 1

19088936414. 2

19088936415. 3

19088936416. 4

Question Number : 110 Question Id : 1908899131 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Corpus allatum is responsible for secretion of juvenile Hormone

Statement II: Corpus cardiaca is responsible for secretion of Juvenile Hormone

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936417. 1

19088936418. 2

19088936419. 3

19088936420. 4

Question Number : 111 Question Id : 1908899132 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Tillage, hoeing, digging, mulching, and chemical control are mechanical methods of weed control in sericulture gardens

Statement II: Tillage, hoeing, digging, mulching, and chemical control are not mechanical methods of weed control in sericulture gardens

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936421. 1

19088936422. 2

19088936423. 3

19088936424. 4

**Question Number : 112 Question Id : 1908899133 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Normally, mulberry plants are propagated by seed only

Statement II: Mulberry plants are propagated by cutting, grafting and layering.

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936425. 1

19088936426. 2

19088936427. 3

19088936428. 4

**Question Number : 113 Question Id : 1908899134 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: The favorable range of soil pH for mulberry garden is 6.5 to 7.5

Statement II: The micronutrients required for mulberry are Potassium, Calcium and Magnesium

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936429. 1

19088936430. 2

19088936431. 3

19088936432. 4

Question Number : 114 Question Id : 1908899135 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Muga silkworm is multivoltine and reared on *Terminalia tomentosa* leaves

Statement II: Tropical tasar feeds on *Ziziphus jujube* in wild natural condition

In light of the above statements, choose the *most appropriate* answer from the options given below

1. Both Statement I and Statement II are correct
2. Both Statement I and Statement II are incorrect
3. Statement I is correct but Statement II is incorrect
4. Statement I is incorrect but Statement II is correct

Options :

19088936433. 1

19088936434. 2

19088936435. 3

19088936436. 4

**Question Number : 115 Question Id : 1908899136 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

The primary food plant of Muga silkworm is

1. *Terminalia tomentosa*
2. *Persea bombycina*
3. *Shorea robusta*
4. *Ziziphus jujuba*

Options :

19088936437. 1

19088936438. 2

19088936439. 3

19088936440. 4

**Question Number : 116 Question Id : 1908899137 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Oak Tesar silk is commercially available in

1. Manipur
2. Jharkhand
3. Uttar Pradesh
4. Delhi

Options :

19088936441. 1

19088936442. 2

19088936443. 3

19088936444. 4

Question Number : 117 Question Id : 1908899138 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Silkworm parasitoid, *Nesolynx thymus* kills the host at the stage of

1. Pupa
2. Caterpillar
3. Egg
4. Egg-larva

Options :

19088936445. 1

19088936446. 2

19088936447. 3

19088936448. 4

Question Number : 118 Question Id : 1908899139 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The silkworm cocoons are **NOT** predated by

1. *Lasioderma sericorni*
2. *Demestes ater*
3. *Demestes cadcarinus*
4. *Attagenus fasiatus*

Options :

19088936449. 1

19088936450. 2

19088936451. 3

19088936452. 4

Question Number : 119 Question Id : 1908899140 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The "Louis Pasteur Award" for the year 2019 in Sericulture was awarded to

1. Keiko Kadono-Okuda
2. Surindr Supasavasdebandu
3. Masahiro Tomita
4. Suwannee Cunvong

Options :

19088936453. 1

19088936454. 2

19088936455. 3

19088936456. 4

**Question Number : 120 Question Id : 1908899141 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Recipe for cooking tasar cocoons in a liter of water contains

- A. Sodium carbonate (8g)
- B. Hydrogen peroxide (10ml)
- C. Sodium silicate (8g)
- D. Sodium chloride (10g)

Choose the *correct* answer from the options given below:

1. A, B and D only
2. B, C and D only
3. A, B and C only
4. A, B, C and D

Options :

19088936457. 1

19088936458. 2

19088936459. 3

19088936460. 4