

National Testing Agency

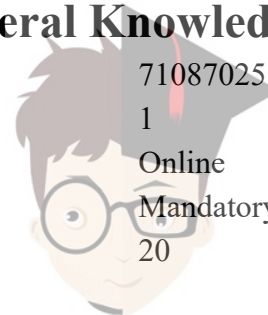
Question Paper Name :	Sericulture 23rd Sep 2020 Shift 2 Set 2
Subject Name :	Sericulture
Creation Date :	2020-09-23 19:33:33
Duration :	120
Total Marks :	480
Display Marks:	Yes
Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	Yes

Sericulture

Group Number :	1
Group Id :	7108709
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 :	71087025
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	20



Number of Questions to be attempted :	20
Section Marks :	80
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	71087025
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 7108701021 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following crops is a commercial crop in Punjab and Haryana but is a subsistence crop in Orissa?

1. Tea
2. Cotton
3. Rubber
4. Rice

Options :

7108704081. 1
7108704082. 2
7108704083. 3
7108704084. 4

Question Number : 2 Question Id : 7108701022 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



Which of the following are the two most important wheat-growing zones of the country?

- A. Ganga-Satluj plains in the north-west
- B. Deltaic regions
- C. Black soil region of the Deccan
- D. Plains of north-east

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

- 1. Only A and B
- 2. Only B and C
- 3. Only C and D
- 4. Only A and C

Options :

- 7108704085. 1
- 7108704086. 2
- 7108704087. 3
- 7108704088. 4

Question Number : 3 Question Id : 7108701023 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Indian agriculture is typically characterized as

- 1. Land surplus, labour scarce economy
- 2. Land surplus, labour surplus economy
- 3. Land scarce, labour surplus economy
- 4. Land scarce, labour scarce economy

Options :

- 7108704089. 1



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7108704090. 2

7108704091. 3

7108704092. 4

Question Number : 4 Question Id : 7108701024 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following countries is the main rival of India in tea export?

1. China
2. Japan
3. Germany
4. Sri Lanka

Options :

7108704093. 1

7108704094. 2

7108704095. 3

7108704096. 4

Question Number : 5 Question Id : 7108701025 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



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Given below are two statements

Statement A: MSP is declared by the government every year to provide incentives to the farmers for raising the production of crops.

Statement B: Buffer stock is created to distribute food grains in the deficit areas and among the poorer strata of the society at the lower price than the market price.

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

1. Both Statement A and Statement B are correct
2. Both Statement A and Statement B are incorrect
3. Statement A is correct but Statement B is incorrect
4. Statement A is incorrect but Statement B is correct

Options :

- 7108704097. 1
- 7108704098. 2
- 7108704099. 3
- 7108704100. 4

Question Number : 6 Question Id : 7108701026 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is a global association of nations of the world to help cooperation in international law, security, economic development and social equity?

1. United Nations Organization
2. International Monetary Fund
3. World Bank
4. World Health Organization



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Options :

- 7108704101. 1
- 7108704102. 2
- 7108704103. 3
- 7108704104. 4

Question Number : 7 Question Id : 7108701027 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Under the Ganga Action Plan Phase II, pollution abatement works are being taken up in how many towns?

- 1. 57
- 2. 65
- 3. 52
- 4. 69

Options :

- 7108704105. 1
- 7108704106. 2
- 7108704107. 3
- 7108704108. 4

Question Number : 8 Question Id : 7108701028 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following statements is **incorrect**?

- 1. The highest number of pigs in the world are found in India
- 2. Utter Pradesh provides largest amount of pork
- 3. Assam has the largest number of pork producing pigs
- 4. Pork constitutes about 7.6% of the total meat produced in India

Options :



7108704109. 1
7108704110. 2
7108704111. 3
7108704112. 4

Question Number : 9 Question Id : 7108701029 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which type of N-fertilizer is suitable for water-logged soils?

1. Zinc Phosphate
2. Ammonium Sulphate
3. Calcium
4. Potassium Nitrate

Options :

7108704113. 1
7108704114. 2
7108704115. 3
7108704116. 4

Question Number : 10 Question Id : 7108701030 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The famous Bailadila range of hills in the Bastar district of Chhattisgarh is famous for its

1. Bauxite deposits
2. Manganese deposits
3. Copper deposits
4. High-grade haematite deposits

Options :

7108704117. 1



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7108704118. 2

7108704119. 3

7108704120. 4

Question Number : 11 Question Id : 7108701031 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

A farmer wishes to start a 100 sq. m rectangular vegetable garden. Since he has only 30m barbed wire, he fences three sides of the garden letting his house compound wall act as the fourth side fencing. What is the dimension of the garden?

1. 15 m x 6.67m
2. 20 m x 5 m
3. 30 m x 3.33 m
4. 40 m x 2.5 m

Options :

7108704121. 1

7108704122. 2

7108704123. 3

7108704124. 4

Question Number : 12 Question Id : 7108701032 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In which one of the following industries, the consumption of natural rubber is the largest?

1. Auto tyres and tubes
2. Footwear
3. Dipped goods
4. Latex foam

Options :



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7108704125. 1
7108704126. 2
7108704127. 3
7108704128. 4

Question Number : 13 Question Id : 7108701033 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following countries was the partner country of 34th Surajkund International Crafts Fair held in Haryana?

1. China
2. Nepal
3. Bhutan
4. Uzbekistan

Options :

7108704129. 1
7108704130. 2
7108704131. 3
7108704132. 4

Question Number : 14 Question Id : 7108701034 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Nobel laureate Abhijit Vinayak Banerjee was conferred the honorary Doctor of Letters (D. Litt.) by which University?

1. University of Delhi
2. University of Kolkata
3. University of Mumbai
4. University of Hyderabad



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Options :

- 7108704133. 1
- 7108704134. 2
- 7108704135. 3
- 7108704136. 4

Question Number : 15 Question Id : 7108701035 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Where is the headquarters of European Union?

- 1. Geneva, Switzerland
- 2. Washington D.C., USA
- 3. New York, US
- 4. Brussels, Belgium

Options :

- 7108704137. 1
- 7108704138. 2
- 7108704139. 3
- 7108704140. 4

Question Number : 16 Question Id : 7108701036 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following would be deficient if one finds high somatic cell count in the cow's milk?

- 1. Butterfat
- 2. Whey protein
- 3. Casein
- 4. Trace minerals



Options :

- 7108704141. 1
- 7108704142. 2
- 7108704143. 3
- 7108704144. 4

Question Number : 17 Question Id : 7108701037 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Who was the first administrator-statesman to attempt planning as a means for economic development?

- 1. C. Rajagopalachari
- 2. V. T. Krishnamachari
- 3. M. Viswesvarayya
- 4. Sir C. P. Ramaswami Aiyar

Options :

- 7108704145. 1
- 7108704146. 2
- 7108704147. 3
- 7108704148. 4

Question Number : 18 Question Id : 7108701038 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Amazon rainforest span over nine countries. In August 2019, in which country did a deadly fire broke out in the Amazon forest?

- 1. Brazil
- 2. Venezuela
- 3. Colombia
- 4. Argentina



Options :

- 7108704149. 1
- 7108704150. 2
- 7108704151. 3
- 7108704152. 4

Question Number : 19 Question Id : 7108701039 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Economic liberalization in India started with

- 1. Sustainable changes in industrial licensing policy
- 2. The convertibility of the Indian Rupee
- 3. Significant reduction of tax rates
- 4. Changes in procedural formalities for FDI

Options :

- 7108704153. 1
- 7108704154. 2
- 7108704155. 3
- 7108704156. 4

Question Number : 20 Question Id : 7108701040 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The term 'Delimitation' which was in news recently is associated with which process?

- 1. Fixing the limit of Income tax
- 2. Fixing limits of Affordable housing
- 3. Fixing limits of Territorial constituencies
- 4. Fixing limits of Chairpersons salary

Options :

- 7108704157. 1



7108704158. 2
7108704159. 3
7108704160. 4

Part B Core Crop Sciences-II

Section Id :	71087026
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	71087026
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 7108701041 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Spatial arrangement of individuals of the population is called as

1. Dispersion
2. Density
3. Population
4. Distribution

Options :

7108704161. 1
7108704162. 2



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7108704163. 3

7108704164. 4

Question Number : 22 Question Id : 7108701042 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is an external feeder on stored products?

1. *Plodia interpunctella*
2. *Cylas formicarius*
3. *Lasioderma serricorne*
4. *Sitophilus oryzae*

Options :

7108704165. 1

7108704166. 2

7108704167. 3

7108704168. 4

Question Number : 23 Question Id : 7108701043 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Telea form larva is present in

1. *Ichneumonidae*
2. *Tenthredinidae*
3. *Scleiaridae*
4. *Tachinidae*

Options :

7108704169. 1

7108704170. 2

7108704171. 3

7108704172. 4



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Question Number : 24 Question Id : 7108701044 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The first scientific account of the lac insect was published in the year

1. 1782
2. 1872
3. 1827
4. 1754

Options :

7108704173. 1
7108704174. 2
7108704175. 3
7108704176. 4

Question Number : 25 Question Id : 7108701045 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following has no fumigant action?

1. Aluminium phosphide
2. Magnesium phosphide
3. Bromadiolone R
4. Phosphamidon

Options :

7108704177. 1
7108704178. 2
7108704179. 3
7108704180. 4

Question Number : 26 Question Id : 7108701046 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is



Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

When host is parasitized by two or more species of parasitoids/parasites, the relationship is called

1. Super parasitism
2. Hyper parasitism
3. Multiple parasitism
4. Simple parasitism

Options :

7108704181. 1

7108704182. 2

7108704183. 3

7108704184. 4

Question Number : 27 Question Id : 7108701047 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is NOT a field cum storage pest?

1. *Cylas formicarius*
2. *Oryzaephilus surinamensis*
3. *Callosobruchus chinensis*
4. *Phytorimaea operculella*

Options :

7108704185. 1

7108704186. 2

7108704187. 3

7108704188. 4

Question Number : 28 Question Id : 7108701048 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical



Correct Marks : 4 Wrong Marks : 1

The total number of eggs laid by a female during the entire life is called as

1. Fecundity
2. Natality
3. Fidelity
4. Voltinity

Options :

7108704189. 1
7108704190. 2
7108704191. 3
7108704192. 4

Question Number : 29 Question Id : 7108701049 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Osmoregulatory cells found in the epithelium of the abdominal gills of aquatic insects are called

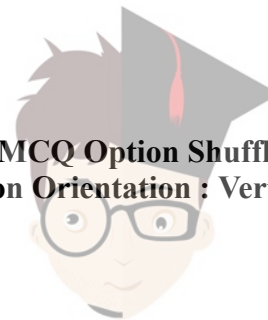
1. Urocytes
2. Trophocytes
3. Mycetocytes
4. Chloride cells

Options :

7108704193. 1
7108704194. 2
7108704195. 3
7108704196. 4

Question Number : 30 Question Id : 7108701050 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



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In a honey bee's digestive system, the ripening of honey takes place in the

1. Proventriculus
2. Stomocleum
3. Hepatic caecum
4. Rectum and anal glands

Options :

7108704197. 1
7108704198. 2
7108704199. 3
7108704200. 4

Question Number : 31 Question Id : 7108701051 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Potential parasitoid of *Paracoccus marginatus* is

1. *Encarsia guadeloupae*
2. *Chrysoperla zastrowi sillemi*
3. *Goniozus nephantidis*
4. *Acerophagus papaya*

Options :

7108704201. 1
7108704202. 2
7108704203. 3
7108704204. 4

Question Number : 32 Question Id : 7108701052 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



Gause's hypothesis in the ecological study is closely related to

1. Predation
2. Mutualism
3. Competition
4. Parasitism

Options :

- 7108704205. 1
- 7108704206. 2
- 7108704207. 3
- 7108704208. 4

Question Number : 33 Question Id : 7108701053 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The Destructive Insect Pests Act called "DIPA" was passed in the year

1. 1920
2. 1924
3. 1924
4. 1934

Options :

- 7108704209. 1
- 7108704210. 2
- 7108704211. 3
- 7108704212. 4

Question Number : 34 Question Id : 7108701054 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



The vector for the papaya mosaic virus is

1. *Aphis gossypii*
2. *Aphis craccivora*
3. *Myzus persicae*
4. *Acerophagus papaya*

Options :

7108704213. 1
7108704214. 2
7108704215. 3
7108704216. 4

Question Number : 35 Question Id : 7108701055 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The vector of the rice tungro disease is

1. *Nilaparvata lugens*
2. *Nephotettix nigropictus*
3. *Cofana spectra*
4. *Breveria reli*

Options :

7108704217. 1
7108704218. 2
7108704219. 3
7108704220. 4

Question Number : 36 Question Id : 7108701056 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



Plant parasitic nematodes are

1. Vertebrates
2. Invertebrates
3. Arthropods
4. Annelids

Options :

7108704221. 1
7108704222. 2
7108704223. 3
7108704224. 4

Question Number : 37 Question Id : 7108701057 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Globodera rostochiensis is a major problem in

1. Sweet potato
2. Potato
3. Wheat
4. Beet root

Options :

7108704225. 1
7108704226. 2
7108704227. 3
7108704228. 4

Question Number : 38 Question Id : 7108701058 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



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Nematodes can be extracted from soil using

1. Mystifier technique
2. Fenwick can
3. Cobb's decanting and sieving
4. Fenwick can and sugar flotation

Options :

- 7108704229. 1
- 7108704230. 2
- 7108704231. 3
- 7108704232. 4

Question Number : 39 Question Id : 7108701059 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Terminal spindle-shaped root galls in rice are caused by

1. *Heterodera oryzicola*
2. *Meloidogyne incognita*
3. *Meloidogyne graminicola*
4. *Meloidogyne hapla*

Options :

- 7108704233. 1
- 7108704234. 2
- 7108704235. 3
- 7108704236. 4

Question Number : 40 Question Id : 7108701060 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



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Romanomermis culicivorax is a parasite of

1. Snails
2. Mosquitoes
3. Grasshoppers
4. Bats

Options :

7108704237. 1
7108704238. 2
7108704239. 3
7108704240. 4

Question Number : 41 Question Id : 7108701061 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ideal winnowing and salt water treatment is the best method to control

1. *Anguina tritici*
2. *Aphelenchoides* spp.
3. *Meloidogyne* spp.
4. *Pratylenchus* spp.

Options :

7108704241. 1
7108704242. 2
7108704243. 3
7108704244. 4

Question Number : 42 Question Id : 7108701062 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



Nematodes used for insect control are

1. *Steinernema*
2. *Rhabdids*
3. *Diplogstrids*
4. *Seinura* spp.

Options :

- 7108704245. 1
- 7108704246. 2
- 7108704247. 3
- 7108704248. 4

Question Number : 43 Question Id : 7108701063 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Nematodes can be preserved for a long period in formaldehyde at a concentration (%) of

1. 1-2
2. 2-4
3. 4-6
4. 6-8

Options :

- 7108704249. 1
- 7108704250. 2
- 7108704251. 3
- 7108704252. 4

Question Number : 44 Question Id : 7108701064 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



Dorylaimid group of nematodes are vectors of

1. Viroids
2. Plant viruses
3. Phytoplasmas
4. Bacteria

Options :

7108704253. 1
7108704254. 2
7108704255. 3
7108704256. 4

Question Number : 45 Question Id : 7108701065 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

White tip disease of rice is caused by

1. *Aphelenchus avenae*
2. *Globodera rostochiensis*
3. *Aphelenchoides besseyi*
4. *Aphelenchoides arachidis*

Options :

7108704257. 1
7108704258. 2
7108704259. 3
7108704260. 4

Question Number : 46 Question Id : 7108701066 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



Theo H.M. Smits is known for his contribution for completing first sequenced whole genome of

1. *Erwinia amylovora*
2. *Bacillus subtilis*
3. *Klebsiella pneumoniae*
4. *Xanthomonas oryzae* pv *oryzae*

Options :

7108704261. 1
7108704262. 2
7108704263. 3
7108704264. 4

Question Number : 47 Question Id : 7108701067 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

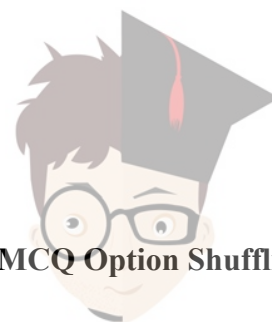
Correct Marks : 4 Wrong Marks : 1

Chemical reaction occurring while preparing Bordeaux mixture

1. $\text{CuSO}_4 + \text{Ca(OH)}_2 = \text{CuO}_2 + \text{CaSO}_4$
2. $\text{CuSO}_4 + \text{Ca(OH)}_2 = \text{CuO} + \text{CaSO}_4 + \text{H}_2\text{O}$
3. $\text{CuSO}_4 + \text{Ca(OH)}_2 = \text{Cu(OH)}_2 + \text{H}_2\text{S}$
4. $\text{CuSO}_4 + \text{Ca(OH)}_2 = \text{Cu(OH)}_2 + \text{CaSO}_4$

Options :

7108704265. 1
7108704266. 2
7108704267. 3
7108704268. 4



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Question Number : 48 Question Id : 7108701068 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

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Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Components required to prepare chestnut compound is

1. Copper sulphate and ammonium carbonate
2. Copper hydroxide and ammonium carbonate
3. Copper sulphate and ammonium chloride
4. Copper sulphate and ammonium nitrate

Options :

7108704269. 1

7108704270. 2

7108704271. 3

7108704272. 4

Question Number : 49 Question Id : 7108701069 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The first R gene identified in 1992 was in which one of the following crops?

1. Tomato
2. Maize
3. Potato
4. Paddy

Options :

7108704273. 1

7108704274. 2

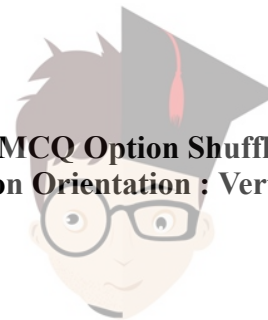
7108704275. 3

7108704276. 4

Question Number : 50 Question Id : 7108701070 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



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The signal molecule(s) involved in ISR is/are

1. Jasmonic acid only
2. Salicylic acid only
3. Ethylene only
4. Jasmonic acid and ethylene

Options :

7108704277. 1

7108704278. 2

7108704279. 3

7108704280. 4

Question Number : 51 Question Id : 7108701071 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Exogenous stimulant favouring Striga seed germination is

1. Salicylic acid
2. Lipopolysaccharide
3. Coumarins
4. Glucosamine

Options :

7108704281. 1

7108704282. 2

7108704283. 3

7108704284. 4

Question Number : 52 Question Id : 7108701072 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



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The hallucinogenic mushroom used by Mexicans in religious functions is

1. *Psilocybe cubensis*
2. *Fomitopsis officinalis*
3. *Amanita muscaria*
4. *Boletus edulis*

Options :

7108704285. 1
7108704286. 2
7108704287. 3
7108704288. 4

Question Number : 53 Question Id : 7108701073 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

High-efficiency particulates air filter is seen in

1. BOD incubator
2. Laminar flow
3. Bio reactor
4. Refrigerator

Options :

7108704289. 1
7108704290. 2
7108704291. 3
7108704292. 4

Question Number : 54 Question Id : 7108701074 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



The NPR-1 gene that coordinates both ISR and SAR is active at

1. Oligomeric form
2. Monomeric form
3. Dimeric form
4. *Hirsutella thompsonii*

Options :

7108704293. 1
7108704294. 2
7108704295. 3
7108704296. 4

Question Number : 55 Question Id : 7108701075 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Hyperparasite of powdery mildew pathogens is

1. *Verticillium leccani*
2. *Ampelomyces quisqualis*
3. *Darluca filum*
4. *Hirsutella thompsonii*

Options :

7108704297. 1
7108704298. 2
7108704299. 3
7108704300. 4

Question Number : 56 Question Id : 7108701076 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



The correct sequence of events associated with indirect ELISA is

1. Antigen - Unlabelled primary antibody - Enzyme labelled secondary antibody
2. Labelled primary antibody - Antigen- Enzyme labelled secondary antibody
3. Antigen - Labelled primary antibody - Enzyme labelled secondary antibody
4. Unlabelled primary antibody - Antigen - Enzyme labelled secondary antibody

Options :

7108704301. 1

7108704302. 2

7108704303. 3

7108704304. 4

Question Number : 57 Question Id : 7108701077 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Mobile DNA segments capable of moving between prokaryotes and eukaryotes are known as

1. Transposons
2. Plasmids
3. Episomes
4. Chromatin

Options :

7108704305. 1

7108704306. 2

7108704307. 3

7108704308. 4

Question Number : 58 Question Id : 7108701078 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



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Organic Sulphur based fungicide with nematicidal and fumigant action is

1. Ferbam
2. Vapam
3. Nabam
4. Thiram

Options :

7108704309. 1
7108704310. 2
7108704311. 3
7108704312. 4

Question Number : 59 Question Id : 7108701079 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Selective medium used to isolate *Trichoderma* from soil was identified by

1. Kloepper
2. Elad and Chet
3. Grente
4. Menzies

Options :

7108704313. 1
7108704314. 2
7108704315. 3
7108704316. 4

Question Number : 60 Question Id : 7108701080 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



The active principle with antifungal activity in Bordeaux mixture is

1. Copper sulphate
2. Calcium sulphate
3. Copper hydroxide
4. Calcium hydroxide

Options :

7108704317. 1

7108704318. 2

7108704319. 3

7108704320. 4

Question Number : 61 Question Id : 7108701081 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Central Muga Eri Research and Training Institute is in

1. Manipur
2. Assam
3. West Bengal
4. Odisha

Options :

7108704321. 1

7108704322. 2

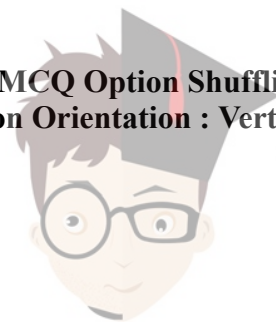
7108704323. 3

7108704324. 4

Question Number : 62 Question Id : 7108701082 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



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The queen of textiles is

1. Cotton
2. Wool
3. Silk
4. Linen

Options :

7108704325. 1
7108704326. 2
7108704327. 3
7108704328. 4

Question Number : 63 Question Id : 7108701083 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Chowki rearing refers to the rearing of young silkworm larvae under a controlled microclimate

Statement II: *Antheraea proylei* is a cross between *A. pernyi* and *A. roylei*.

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 :

7108704329. 1
7108704330. 2
7108704331. 3



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7108704332. 4

Question Number : 64 Question Id : 7108701084 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

When can an entire branch containing leaves be fed to the larvae of *Bombyx mori*?

1. Neonate
2. 2nd instar
3. 3rd instar
4. 4th and 5th instar

Options :

7108704333. 1

7108704334. 2

7108704335. 3

7108704336. 4

Question Number : 65 Question Id : 7108701085 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Given below are two statements:

Statement I: Tiger band disease is a native of India and it infects oak Tasar silkworm

Statement II: Tiger band disease of silkworm attacks all Indian silkworm species.

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



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Options :

- 7108704337. 1
- 7108704338. 2
- 7108704339. 3
- 7108704340. 4

Question Number : 66 Question Id : 7108701086 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is known as the tasar silkworm?

- 1. *Antheraea proylei*
- 2. *Antheraea assamensis*
- 3. *Samia ricini*
- 4. *Antheraea mylitta*

Options :

- 7108704341. 1
- 7108704342. 2
- 7108704343. 3
- 7108704344. 4

Question Number : 67 Question Id : 7108701087 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

During the process of rearing, which one of the following oviposits most on a plain smooth surface?

- 1. Mulberry silkworm
- 2. Eri silkworm
- 3. Oak Tasar silkworm
- 4. Tasar silkworm

Options :



- 7108704345. 1
- 7108704346. 2
- 7108704347. 3
- 7108704348. 4

Question Number : 68 Question Id : 7108701088 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

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

List I	List II
A. Cultivation of mulberry	I. Trashing
B. Silk route	II. Hatching
C. Egg	III. Emergence
D. Moth	IV. Moriculture

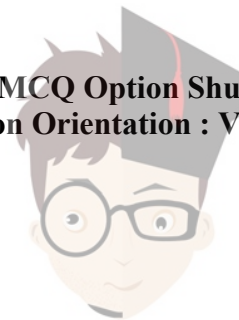
Choose the correct answer from the options given below

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

Options :

- 7108704349. 1
- 7108704350. 2
- 7108704351. 3
- 7108704352. 4

Question Number : 69 Question Id : 7108701089 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



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

List I	List II
A. Grasserie	I. Fungal hyphae
B. Pebrina	II. Polyhedral
C. Flacherie	III. Oval spores
D. Muscardine	IV. Bacteria

Choose the correct answer from the options given below

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

Options :

7108704353. 1

7108704354. 2

7108704355. 3

7108704356. 4

Question Number : 70 Question Id : 7108701090 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



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Given below are two statements

Statement I: Chromosome number in *Antheraea roylei* is $n = 31$

Statement II: Chromosome numbers in *Antheraea mylitta* is $n = 21$

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 :

7108704357. 1

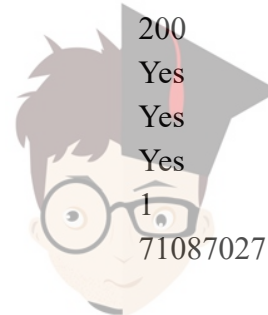
7108704358. 2

7108704359. 3

7108704360. 4

Part C Sericulture

Section Id :	71087027
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	71087027



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Question Shuffling Allowed :

Yes

Question Number : 71 Question Id : 7108701091 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which soils are most suitable for mulberry cultivation?

1. Acidic
2. Saline
3. Alkaline
4. Neutral

Options :

7108704361. 1
7108704362. 2
7108704363. 3
7108704364. 4

Question Number : 72 Question Id : 7108701092 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labeled as **Assertion A** and the other is labeled as **Reason R**

Assertion A: Productive mulberry varieties require large quantities of water and fertilizer

Reason R: Leaf production is dependent on pesticide application

In the light of the above statements, choose the correct answer from the options given below:

1. Both **A** & **R** are true and **R** is the correct explanation of **A**
2. Both **A** & **R** are true and **R** is **NOT** the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true



Options :

- 7108704365. 1
- 7108704366. 2
- 7108704367. 3
- 7108704368. 4

Question Number : 73 Question Id : 7108701093 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

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

List I	List II
A. Physical Control	I. Water spray
B. Biological Control	II. <i>Nesolynx thymus</i>
C. Chemical Control	III. Nuvan spray
D. Mechanical Control	IV. Pruning

Choose the correct answer from the options given below

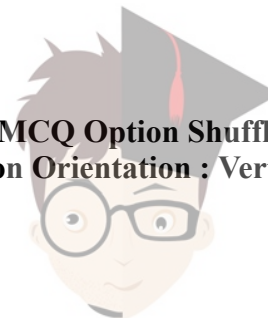
- 1. A - I, B - II, C - III, D - IV
- 2. A - IV, B - II, C - I, D - III
- 3. A - IV, B - II, C - III, D - I
- 4. A - IV, B - I, C - III, D - II

Options :

- 7108704369. 1
- 7108704370. 2
- 7108704371. 3
- 7108704372. 4

Question Number : 74 Question Id : 7108701094 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



Minimum safe period for pesticide spray in silkworm host plants is

1. 15 days before brushing
2. 30 days before brushing
3. 45 days before brushing
4. 90 days before brushing

Options :

7108704373. 1
7108704374. 2
7108704375. 3
7108704376. 4

Question Number : 75 Question Id : 7108701095 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: *Morus* spp. is primarily multiplied through vegetative propagation

Reason R: Fertilized seed cannot be obtained in *Morus* spp.

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

1. Both **A** & **R** are true and **R** is the correct explanation of **A**
2. Both **A** & **R** are true but **R** is **NOT** the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

7108704377. 1
7108704378. 2
7108704379. 3
7108704380. 4



Question Number : 76 Question Id : 7108701096 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Root rot in mulberry is caused by

- A. *Fusarium solani*
- B. *Fusarium oxysporum*
- C. *Macrophomina phaseolus*
- D. *Botrydiplodea* spp.
- E. *Alternaria* spp.

Choose the **most appropriate** answer from the options given below:

- 1. A, B, C & D
- 2. B, C, D & E
- 3. A, C, D & E
- 4. A, C & D

Options :

- 7108704381. 1
- 7108704382. 2
- 7108704383. 3
- 7108704384. 4

Question Number : 77 Question Id : 7108701097 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If two silkworm breeds of plain and marked larval characters are crossed, the F1 larvae are

- 1. Plain
- 2. Marked
- 3. Marked & Plain in 3:1 ratio
- 4. Plain & Marked in 1:1 ratio



Options :

- 7108704385. 1
- 7108704386. 2
- 7108704387. 3
- 7108704388. 4

Question Number : 78 Question Id : 7108701098 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Nature of disease resistance in *Bombyx mori* is

- 1. Monogenic
- 2. Dominant
- 3. Recessive
- 4. Polygenic

Options :

- 7108704389. 1
- 7108704390. 2
- 7108704391. 3
- 7108704392. 4

Question Number : 79 Question Id : 7108701099 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Silkworm mutants generally vary in

- 1. Morphological features
- 2. Cocoon colour
- 3. Sex of larvae
- 4. Pupal colour

Options :

- 7108704393. 1



7108704394. 2

7108704395. 3

7108704396. 4

Question Number : 80 Question Id : 7108701100 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

What innovative breeding approaches are currently utilized for mulberry improvement?

1. Transgenics & Tissue Culture
2. Transgenics, Tissue Culture & Advanced Generation Breeding
3. Tissue Culture, Clonal Selection & Transgenics
4. Transgenics, Tissue Culture, Advanced Generation Breeding & Marker Assisted Selection

Options :

7108704397. 1

7108704398. 2

7108704399. 3

7108704400. 4

Question Number : 81 Question Id : 7108701101 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



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Bombyx mandarina is prevalent in

- A. Japan
- B. China
- C. India
- D. France

Choose the correct answer from the options given below:

- 1. A & B only
- 2. A, B & C
- 3. C & D only
- 4. B & C only

Options :

- 7108704401. 1
- 7108704402. 2
- 7108704403. 3
- 7108704404. 4

Question Number : 82 Question Id : 7108701102 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Hereditary characters are carried from one generation to other generation through

- 1. Cytoplasm
- 2. Nucleus
- 3. Chromosomes
- 4. Protoplasm

Options :

- 7108704405. 1
- 7108704406. 2
- 7108704407. 3
- 7108704408. 4



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Question Number : 83 Question Id : 7108701103 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Right sequencing of steps in silkworm breeding

- A. Stabilization of breeding lines
- B. Parental selection
- C. Hybrid evaluation
- D. Hybridization
- E. Outcrossing

Choose the correct answer from the options given below:

- 1. B, A, E, D, C
- 2. B, A, D, E, C
- 3. B, D, E, A, C
- 4. B, D, A, E, C

Options :

- 7108704409. 1
- 7108704410. 2
- 7108704411. 3
- 7108704412. 4

Question Number : 84 Question Id : 7108701104 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Heterosis is commonly exploited in which type of silkworms?

- 1. Tasar
- 2. Muga
- 3. Eri
- 4. Mulberry



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Options :

- 7108704413. 1
- 7108704414. 2
- 7108704415. 3
- 7108704416. 4

Question Number : 85 Question Id : 7108701105 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Silk fibre is released by silkworms through

- 1. Mouth
- 2. Thorax
- 3. Pseudoleg
- 4. Spinnerette

Options :

- 7108704417. 1
- 7108704418. 2
- 7108704419. 3
- 7108704420. 4

Question Number : 86 Question Id : 7108701106 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Major amino acids present in *Bombyx mori* silk fibroin

- 1. Ala-Met-Arg
- 2. Ala-Gly-Ser
- 3. Gly-Ser-Asp
- 4. Ala-Gly-Lys

Options :

- 7108704421. 1



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7108704422. 2

7108704423. 3

7108704424. 4

Question Number : 87 Question Id : 7108701107 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Most abundant tissue in silkworm pupae is of

1. Exoskeleton
2. Digestive system
3. Fat body
4. Malphigian tubules

Options :

7108704425. 1

7108704426. 2

7108704427. 3

7108704428. 4

Question Number : 88 Question Id : 7108701108 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



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Silk glands are made up of the following segments

- A. Anterior
- B. Posterior
- C. Middle
- D. Lateral

Choose the correct answer from the options given below:

- 1. A & C only
- 2. A, B & C
- 3. A & B only
- 4. D, B & C

Options :

- 7108704429. 1
- 7108704430. 2
- 7108704431. 3
- 7108704432. 4

Question Number : 89 Question Id : 7108701109 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Slaked lime is the best disinfectant for inactivating

- 1. Microsporidians
- 2. Viruses
- 3. Bacteria
- 4. Fungi

Options :

- 7108704433. 1
- 7108704434. 2
- 7108704435. 3
- 7108704436. 4



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Question Number : 90 Question Id : 7108701110 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Uzi fly, an endo-parasite of silkworm is

1. *Bombyx mori*
2. *Antheraea assama*
3. *Blepharis sindica*
4. *Exorista sorbillans*

Options :

7108704437. 1
7108704438. 2
7108704439. 3
7108704440. 4

Question Number : 91 Question Id : 7108701111 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Transmission mode of *Nosema bombycis* which causes severe loss in sericulture industry is

1. Transovum
2. Transovarial
3. Mechanical
4. Per cutaneous

Options :

7108704441. 1
7108704442. 2
7108704443. 3
7108704444. 4

Question Number : 92 Question Id : 7108701112 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is



Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Bacterial toxicosis of *Bombyx mori* is caused by

1. Non-spore forming Bacilli
2. Spore-forming Bacilli
3. Large Bacilli
4. Motile Bacilli

Options :

7108704445. 1

7108704446. 2

7108704447. 3

7108704448. 4

Question Number : 93 Question Id : 7108701113 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

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

List I	List II
A. <i>Streptococcus</i> spp.	I. Sotro
B. <i>Bacillus thuringiensis</i>	II. Pebrine
C. <i>Nosema bombycis</i>	III. Grasserie
D. BmNPV	IV. Flacherie

Choose the correct answer from the options given below:

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

Options :

7108704449. 1



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7108704450. 2

7108704451. 3

7108704452. 4

Question Number : 94 Question Id : 7108701114 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which silkworm pathogens are excreted through faecal matter into the environment?

1. Grasserie & Flacherie
2. Pebrine & Muscardine
3. Pebrine, Bacteria & BmCPV
4. Pebrine, BmCPV, BmDENV, BmIFV & Bacteria

Options :

7108704453. 1

7108704454. 2

7108704455. 3

7108704456. 4

Question Number : 95 Question Id : 7108701115 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



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Given below are two statements

Statement I: Omega fatty acids are present abundantly in silkworm pupae

Statement II: α -Linoleic acid is commercially sold in China, Korea, and Thailand

Choose appropriate answer based on facts of uzi fly lifecycle

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

Options :

7108704457. 1

7108704458. 2

7108704459. 3

7108704460. 4

Question Number : 96 Question Id : 7108701116 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Artificial diet for silkworms is usually preferred for culturing

- A. Late age silkworms
- B. Young age silkworms
- C. Silk moths
- D. Silk pupae

Choose the correct answer from the options given below:

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



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Options :

- 7108704461. 1
- 7108704462. 2
- 7108704463. 3
- 7108704464. 4

Question Number : 97 Question Id : 7108701117 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Sisal or Oak is a food plant of

- 1. *Antheraea proylei*
- 2. *Antheraea mylitta*
- 3. *Philosamia ricini*
- 4. *Antheraea assama*

Options :

- 7108704465. 1
- 7108704466. 2
- 7108704467. 3
- 7108704468. 4

Question Number : 98 Question Id : 7108701118 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Tropical Tasar is

- 1. *Antheraea proylei*
- 2. *Antheraea mylitta*
- 3. *Bombyx mori*
- 4. *Antheraea assama*

Options :

- 7108704469. 1



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7108704470. 2

7108704471. 3

7108704472. 4

Question Number : 99 Question Id : 7108701119 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

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

List I	List II
A. <i>Antheraea mylitta</i>	I. Muga silk
B. <i>Bombyx mori</i>	II. Eri silk
C. <i>Philosamia ricin</i>	III. Tasar silk
D. <i>Antheraea assama</i>	IV. Mulberry silk

Choose the correct answer from the options given below:

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

Options :

7108704473. 1

7108704474. 2

7108704475. 3

7108704476. 4

Question Number : 100 Question Id : 7108701120 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



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Types of voltinism in Tasar silkworm

1. Bivoltine
2. Bivoltine & Trivoltine
3. Polyvoltine
4. Trivoltine & Polyvoltine

Options :

- 7108704477. 1
- 7108704478. 2
- 7108704479. 3
- 7108704480. 4

Question Number : 101 Question Id : 7108701121 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is the most traditional method of Tasar reeling?

1. Multi end reeling
2. Charkha
3. Thigh reeling
4. Automatic reeling

Options :

- 7108704481. 1
- 7108704482. 2
- 7108704483. 3
- 7108704484. 4

Question Number : 102 Question Id : 7108701122 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



Average production per hectare of *Terminalia* plantation is

1. 15-20 MT
2. 30 MT
3. 60 MT
4. 50 MT

Options :

7108704485. 1
7108704486. 2
7108704487. 3
7108704488. 4

Question Number : 103 Question Id : 7108701123 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Cocoon garlands are preserved in which type of silkworm seed?

1. Mulberry
2. Tasar
3. Eri
4. Muga

Options :

7108704489. 1
7108704490. 2
7108704491. 3
7108704492. 4

Question Number : 104 Question Id : 7108701124 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: Conservation of Tasar ecoraces in the peripheral areas of forest results in the spread-in of buffer and core zones

Reason R: Tasar silk moths fly 100 km searching for mates

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

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is **NOT** the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

7108704493. 1

7108704494. 2

7108704495. 3

7108704496. 4

Question Number : 105 Question Id : 7108701125 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



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Given below are two statements

Statement I: Silk grading in India is based on the International Grading system

Statement II: Chinese silk grading system is independent

Choose the appropriate answer based on facts of silk grading followed in silk-producing countries

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

Options :

- 7108704497. 1
- 7108704498. 2
- 7108704499. 3
- 7108704500. 4

Question Number : 106 Question Id : 7108701126 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Grades of 22 denier raw silk as per BIS method are

1. 6A, 5A, 4A, 3A, 2A, A, B, C, D, E & F
2. 5A, 4A, 3A, 2A & A
3. 4A, 3A, 2A & A
4. 6A, 5A, 4A, 3A, 2A, A, B, C, D & E

Options :

- 7108704501. 1
- 7108704502. 2
- 7108704503. 3
- 7108704504. 4



Question Number : 107 Question Id : 7108701127 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Autosizer is used for testing silk's

1. Filament size
2. Tenacity
3. Elongation
4. Cohesion

Options :

- 7108704505. 1
- 7108704506. 2
- 7108704507. 3
- 7108704508. 4

Question Number : 108 Question Id : 7108701128 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Silk industry involves

- A. Farmers
- B. Weavers
- C. Graineurs
- D. Reelers

Choose the correct answer from the options given below:

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

Options :



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7108704509. 1
7108704510. 2
7108704511. 3
7108704512. 4

Question Number : 109 Question Id : 7108701129 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following is very important for analysing the structure of production in an economy?

1. Input
2. Output
3. Input-Output
4. Market

Options :

7108704513. 1
7108704514. 2
7108704515. 3
7108704516. 4

Question Number : 110 Question Id : 7108701130 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



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Given below are two statements

Statement I: Silk Mark Organisation (SMOI) is equivalent to Hallmark

Statement II: Silk mark certifies silk

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

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

Options :

7108704517. 1

7108704518. 2

7108704519. 3

7108704520. 4

Question Number : 111 Question Id : 7108701131 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



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Arrange the operations in silk production in the right sequence

- A. Hot water processing
- B. Brushing
- C. Reeling
- D. Cocoon sorting
- E. Twisting

Choose the correct answer from the options given below:

- 1. D, A, C, E, B
- 2. A, C, B, D, E
- 3. D, B, A, C, E
- 4. D, C, B, A, E

Options :

- 7108704521. 1
- 7108704522. 2
- 7108704523. 3
- 7108704524. 4

Question Number : 112 Question Id : 7108701132 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



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Sericulture in traditional countries like Japan and Korea is on the decline due to

- A. Industrialization
- B. Urbanization
- C. Increased labour costs
- D. Non-availability of inputs

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

- 1. A & B only
- 2. A, B & C
- 3. A, C & D
- 4. B, C & D

Options :

- 7108704525. 1
- 7108704526. 2
- 7108704527. 3
- 7108704528. 4

Question Number : 113 Question Id : 7108701133 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which is the most stable stage of an embryo for preservation in *Bombyx mori*?

- 1. K stage
- 2. L stage
- 3. T stage
- 4. M stage

Options :

- 7108704529. 1
- 7108704530. 2
- 7108704531. 3
- 7108704532. 4



Question Number : 114 Question Id : 7108701134 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Female *Bombyx mori* pupae have 'x' marking on 8th segment

Statement II: The sex marking is not due to bifurcation of the 8th segment

Choose the appropriate answer based on facts of *Bombyx mori* morphology

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

Options :

7108704533. 1

7108704534. 2

7108704535. 3

7108704536. 4

Question Number : 115 Question Id : 7108701135 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Oviposition in mulberry silkworm is recommended at

1. 25°C & 70-80% relative humidity
2. 29°C & 80-90% relative humidity
3. 25°C & 50-60% relative humidity
4. 15°C & 70-80% relative humidity

Options :

7108704537. 1



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7108704538. 2

7108704539. 3

7108704540. 4

Question Number : 116 Question Id : 7108701136 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: Bimodal emergence is observed in Pure Mysore and Nistari

Reason R: Bimodal emergence is a common phenomenon in multivoltine silkworms

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

1. Both **A** & **R** are true and **R** is the correct explanation of **A**
2. Both **A** & **R** are true but **R** is **NOT** the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

7108704541. 1

7108704542. 2

7108704543. 3

7108704544. 4

Question Number : 117 Question Id : 7108701137 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1



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Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: India stands second in the raw silk production in the world

Reason R: 750 million people are employed in the sericulture industry

In light of the above statements, choose the correct answer from the options given below:

1. **A & R** are true and **R** is the correct explanation of **A**
2. Both **A & R** are true and **R** is **NOT** the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

7108704545. 1

7108704546. 2

7108704547. 3

7108704548. 4

Question Number : 118 Question Id : 7108701138 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



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Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A: Central Seed Act (Central Silk Board Amendment Act, 2006) supersedes all the state seed acts

Reason R: Mysore Seed Act is one of the prime seed acts enforced in Karnataka prior to the CSB Amendment Act, 2006

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

1. Both **A** & **R** are true and **R** is the correct explanation of **A**
2. Both **A** & **R** are true and **R** is **NOT** the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

7108704549. 1

7108704550. 2

7108704551. 3

7108704552. 4

Question Number : 119 Question Id : 7108701139 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1



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

List I	List II
A. NSSO	I. Tasar Silkworm Seed Organisation
B. BTSSO	II. Mulberry Silkworm Seed Organisation
C. MSSO	III. Eri Silkworm Seed Production Centre
D. ESSPC	IV. Muga Silkworm Seed Organisation

Choose the correct answer from the options given below:

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

Options :

- 7108704553. 1
- 7108704554. 2
- 7108704555. 3
- 7108704556. 4

Question Number : 120 Question Id : 7108701140 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Silkworm eggs are monitored for which disease in silkworm seed production centres?

1. Grasserie & Flacherie
2. Pebrine & Microsporidosis
3. Pebrine & Flacherie
4. Grasserie & Pebrine

Options :

- 7108704557. 1
- 7108704558. 2
- 7108704559. 3



7108704560.4



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