

# National Testing Agency

**Question Paper Name :** ENTOMOLOGY AND NEMATOLOGY 17th  
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## ENTOMOLOGY AND NEMATOLOGY

**Group Number :** 1

**Group Id :** 19088962

**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

## ENTOMOLOGY AND NEMATOLOGY-1

**Section Id :** 190889136

**Section Number :** 1

**Section type :** Online

**Mandatory or Optional :** Mandatory

<b>Number of Questions :</b>	120
<b>Number of Questions to be attempted :</b>	120
<b>Section Marks :</b>	480
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	190889176
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 1908896742 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** *Tatera indica* has very small body, brown in colour with white belly, tail shorter than head & body, terminal tuft bicolored.

**Statement II:** *Tatera indica* has large body, sandy brown to reddish grey with whole underside, well haired, tufted with a stripe on each side. Terminal tuft black in colour.

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 :**

19088926861. 1

19088926862. 2

19088926863. 3

19088926864. 4

**Question Number : 2 Question Id : 1908896743 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

*Zabo* an Indian farming system is mainly practised in:

1. Sikkim
2. Nagaland
3. Meghalaya
4. Arunachal Pradesh

**Options :**

19088926865. 1

19088926866. 2

19088926867. 3

19088926868. 4

**Question Number : 3 Question Id : 1908896744 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** ICAR- Indian Agricultural Research Institute, New Delhi.

**Statement II:** ICAR- Indian Agricultural Research Institute, Hazaribagh.

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 :**

19088926869. 1

19088926870. 2

19088926871. 3

19088926872. 4

**Question Number : 4 Question Id : 1908896745 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Leh and Kargil fall under cold Arid zone.

**Statement II:** Srinagar falls under mid to high altitude temperate zone.

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 :**

19088926873. 1

19088926874. 2

19088926875. 3

19088926876. 4

**Question Number : 5 Question Id : 1908896746 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Bergeron process is related to cold clouds.

**Statement II:** Silver iodide is associated with cloud seeding trials.

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 :**

19088926877. 1

19088926878. 2

19088926879. 3

19088926880. 4

**Question Number : 6 Question Id : 1908896747 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** A fall of minimum temperature between  $6-8^{\circ}\text{C}$  during night is termed as cold wave.

**Statement II:** A fall of minimum temperature more than  $8^{\circ}\text{C}$  is termed as severe cold wave.

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 :**

19088926881. 1

19088926882. 2

19088926883. 3

19088926884. 4

**Question Number : 7 Question Id : 1908896748 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. Shallow black soils	I. Kerala
B. Alluvial soils	II. Tamil Nadu
C. Peaty soils	III. Uttar Pradesh
D. Red Sandy soils	IV. Maharashtra

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

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

**Options :**

19088926885. 1

19088926886. 2

19088926887. 3

19088926888. 4

**Question Number : 8 Question Id : 1908896749 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Destructive stage of *Aproarema modicella* is adult in Groundnut.

**Statement II:** Destructive stage of *Aproarema modicella* is larva in Groundnut.

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 :**

19088926889. 1

19088926890. 2

19088926891. 3

19088926892. 4

**Question Number : 9 Question Id : 1908896750 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

In India which year cyst nematode of potato was first reported?

1. 1960
2. 1964
3. 1961
4. 1971

**Options :**

19088926893. 1

19088926894. 2

19088926895. 3

19088926896. 4

**Question Number : 10 Question Id : 1908896751 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Red ring disease of coconut palm is caused by

1. *Bursaphelenchus/ Radinaphelenchus cocophilus*
2. *Aphelenchus avenae*
3. *Ditylenchus dipsaci*
4. *Bursaphelenchus bicaudatus*

**Options :**

19088926897. 1

19088926898. 2

19088926899. 3

19088926900. 4

**Question Number : 11 Question Id : 1908896752 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Name the state consuming maximum amount of pesticides.

1. Uttarakhand
2. Madhya Pradesh
3. Punjab
4. Kerala

**Options :**

19088926901. 1

19088926902. 2

19088926903. 3

19088926904. 4

**Question Number : 12 Question Id : 1908896753 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Ufra disease of rice caused by

1. *Ditylenchus destructor*
2. *Ditylenchus dipsaci*
3. *Aphelenchoides besseyi*
4. *Ditylenchus angustus*

**Options :**

19088926905. 1

19088926906. 2

19088926907. 3

19088926908. 4

**Question Number : 13 Question Id : 1908896754 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**



**Correct Marks : 4 Wrong Marks : 1**

Which of the following nematode possess knob-less spear?

1. *Paratylenchus*
2. *Hoplolaimus*
3. *Psilenchus*
4. *Criconema*

**Options :**

19088926909. 1

19088926910. 2

19088926911. 3

19088926912. 4

**Question Number : 14 Question Id : 1908896755 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

San Jose Scale is devastating to the crop

1. Papaya
2. Banana
3. Grape
4. Apple

**Options :**

19088926913. 1

19088926914. 2

19088926915. 3

19088926916. 4

**Question Number : 15 Question Id : 1908896756 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. ICAR-NBBSM	I. Mau
B. ICAR-NBASM	II. Baramati
C. ICAR-NBAIR	III. Bengaluru
D. ICAR-NBAIM	IV. Raipur

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

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

**Options :**

19088926917. 1

19088926918. 2

19088926919. 3

19088926920. 4

**Question Number : 16 Question Id : 1908896757 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following system is absent in Nematodes?

1. Excretory system
2. Circulatory system
3. Nervous system
4. Reproductive system

**Options :**

19088926921. 1

19088926922. 2

19088926923. 3

19088926924. 4

**Question Number : 17 Question Id : 1908896758 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The mean and variance of Poisson distribution are both

1. 0
2. 1
3.  $\lambda$
4.  $1/\lambda$

**Options :**

19088926925. 1

19088926926. 2

19088926927. 3

19088926928. 4

**Question Number : 18 Question Id : 1908896759 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Pure line breed refers to

1. Heterozygosity
2. Homozygosity
3. Homozygosity and self-assortment
4. Heterozygosity and linkage

**Options :**

19088926929. 1

19088926930. 2

19088926931. 3

19088926932. 4

**Question Number : 19 Question Id : 1908896760 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The quickest method of plant breeding is

1. Introduction
2. Selection
3. Hybridisation
4. Mutation breeding

**Options :**

19088926933. 1

19088926934. 2

19088926935. 3

19088926936. 4

**Question Number : 20 Question Id : 1908896761 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The variables whose calculation is done according to the weight, height and length are known as

1. Flow chart variables
2. Discrete variables
3. Continuous variables
4. Measuring variables

**Options :**

19088926937. 1

19088926938. 2

19088926939. 3

19088926940. 4

**Question Number : 21 Question Id : 1908896762 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Integrated Rural Development programme (IRDP) in India was launched in the year

1. 1985
2. 1980
3. 1970
4. 1975

**Options :**

19088926941. 1

19088926942. 2

19088926943. 3

19088926944. 4

**Question Number : 22 Question Id : 1908896763 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Ethylene gas is used for

1. Growth of plants
2. Delaying fruit abscission
3. Ripening of fruits
4. Stopping of leaf abscission

**Options :**

19088926945. 1

19088926946. 2

19088926947. 3

19088926948. 4

**Question Number : 23 Question Id : 1908896764 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is primarily concerned with cell division?

1. GA<sub>3</sub>
2. IAA
3. Cytokinin
4. Ethylene

**Options :**

19088926949. 1

19088926950. 2

19088926951. 3

19088926952. 4

**Question Number : 24 Question Id : 1908896765 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

**Match List I with List II**

<b>List I</b>	<b>List II</b>
A. African mustard	I. Bulb
B. Black rose	II. Leaf
C. Stone breaker	III. Seed
D. Saffron	IV. Cutting

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

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

**Options :**

19088926953. 1

19088926954. 2

19088926955. 3

19088926956. 4

**Question Number : 25 Question Id : 1908896766 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Khapra beetle survives in the storage under very low content of oxygen availability.

**Statement II:** Khapra beetle develops in open storage condition along with lesser grain borer.

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 :**

19088926957. 1

19088926958. 2

19088926959. 3

19088926960. 4

**Question Number : 26 Question Id : 1908896767 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

In Lepidopteran (moths) hind wings, one needle like structure, which hold forewing is known as

1. Hypha
2. Vein
3. Frenulum
4. Chaetosemata

**Options :**

19088926961. 1

19088926962. 2

19088926963. 3

19088926964. 4

**Question Number : 27 Question Id : 1908896768 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

GEAC stands for:

1. Genetic Engineering Approval Committee
2. Genetic Engineering Assessment Committee
3. Global Environment Assessment Committee
4. Genetic Engineering Approval Council

**Options :**

19088926965. 1

19088926966. 2

19088926967. 3

19088926968. 4

**Question Number : 28 Question Id : 1908896769 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The first transgenic crop approved for cultivation in USA during the year 1994 was

1. Mango
2. Tomato
3. Brinjal
4. Okra

**Options :**

19088926969. 1

19088926970. 2

19088926971. 3

19088926972. 4

**Question Number : 29 Question Id : 1908896770 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**



**Correct Marks : 4 Wrong Marks : 1**

Which of the following is an entomopathogenic nematode?

1. *Heterorhabditis*
2. *Rhabditis*
3. *Monochoides*
4. *Aphelenchus*

**Options :**

19088926973. 1

19088926974. 2

19088926975. 3

19088926976. 4

**Question Number : 30 Question Id : 1908896771 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Name the committee which approves Bt crops in India

1. Insecticide Registration Committee
2. Genetic Engineering approval Committee
3. Asia pacific Plant protection Commission
4. Insecticide resistance Action Committee

**Options :**

19088926977. 1

19088926978. 2

19088926979. 3

19088926980. 4

**Question Number : 31 Question Id : 1908896772 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Name the first transgenic crop which has repellent effect in insect

1. Smartstax maize
2. Spring Wheat strain Cadenza
3. Asian mega rice variety PSBRc82
4. "Flavr Savr" a delayed ripening tomato

**Options :**

19088926981. 1

19088926982. 2

19088926983. 3

19088926984. 4

**Question Number : 32 Question Id : 1908896773 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Prevention of Food Adulteration (PFA) Act was enacted in the year

1. 1914
2. 1954
3. 1968
4. 1971

**Options :**

19088926985. 1

19088926986. 2

19088926987. 3

19088926988. 4

**Question Number : 33 Question Id : 1908896774 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. AICRP on Rice	I. New Delhi
B. AICRP on Nematode	II. Hyderabad
C. AICRP on Pearl millet	III. Indore
D. AICRP on Soybean	IV. Jodhpur

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

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

**Options :**

19088926989. 1  
19088926990. 2  
19088926991. 3  
19088926992. 4

**Question Number : 34 Question Id : 1908896775 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Intellectual Property Management and Commercialization of Technology in ICAR came into operation with effect from

1. 2 October 2006
2. 14 September 1991
3. 26 January 2001
4. 1 December 1999

**Options :**

19088926993. 1  
19088926994. 2  
19088926995. 3  
19088926996. 4

Question Number : 35 Question Id : 1908896776 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Sam Higginbottom Institute of Agriculture, Technology and Sciences is situated in

1. Mumbai
2. Allahabad
3. Coimbatore
4. Kolkata

Options :

19088926997. 1

19088926998. 2

19088926999. 3

19088927000. 4

Question Number : 36 Question Id : 1908896777 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>Pentalonia nigronervosa</i>	I. Rice streaked dwarf
B. <i>Frankliniella schultzei</i>	II. Turnip yellow mosaic
C. <i>Laodelphax striatellus</i>	III. Banana Bunchy top virus
D. <i>Forficula auricularia</i>	IV. Tomato spotted wilt

Choose the correct answer from the options given below:

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

Options :

19088927001. 1

19088927002. 2

19088927003. 3

19088927004. 4

**Question Number : 37 Question Id : 1908896778 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is useful in the management of insecticides resistance

1. Use of insecticides with same mode of action
2. Use of synergists
3. Doubling the dose of insecticides recommended
4. Frequent release of natural enemies

**Options :**

19088927005. 1

19088927006. 2

19088927007. 3

19088927008. 4

**Question Number : 38 Question Id : 1908896779 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>Liposceilus divinatorius</i>	I. Storage
B. <i>Oryzaephilus surinamensis</i>	II. Long headed flour
C. <i>Acarus siro</i>	III. Saw toothed grain beetle
D. <i>Latheticus oryzae</i>	IV. Psocid

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

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

**Options :**

19088927009. 1

19088927010. 2

19088927011. 3

19088927012. 4

**Question Number : 39 Question Id : 1908896780 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following pesticide is not used in storage warehouses?

1. Malathion
2. Dimethoate
3. Deltamethrin
4. Dichlorvos

**Options :**

19088927013. 1

19088927014. 2

19088927015. 3

19088927016. 4

**Question Number : 40 Question Id : 1908896781 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following nematode comes under domestic quarantine?

1. *Heterodera avenae*
2. *Globodera rostochiensis*
3. *Aphelenchus avenae*
4. *Heterodera cajani*

**Options :**

19088927017. 1

19088927018. 2

19088927019. 3

19088927020. 4

Question Number : 41 Question Id : 1908896782 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>Lucilia serenissima</i>	I. Cattle fly
B. <i>Hypoderma lineatum</i>	II. Horse fly
C. <i>Hippobosca maculata</i>	III. Blue bot fly
D. <i>Tabanus striatus</i>	IV. Warble fly

Choose the correct answer from the options given below:

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

Options :

19088927021. 1

19088927022. 2

19088927023. 3

19088927024. 4

Question Number : 42 Question Id : 1908896783 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The potato crop is grown round the year in

1. Kashmir valley
2. Nilgiris and Palani hills
3. Zanskar Valley
4. Shimla

Options :

19088927025. 1

19088927026. 2

19088927027. 3

19088927028. 4

**Question Number : 43 Question Id : 1908896784 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Mendel's law of segregation states that the two alleles for a heritable character segregate during gamete formulation

**Statement II:** Mendel's law of segregation states that the two alleles for a non-heritable character segregate during gamete formulation

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 :**

19088927029. 1

19088927030. 2

19088927031. 3

19088927032. 4

**Question Number : 44 Question Id : 1908896785 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



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

<b>List I</b>	<b>List II</b>
A. Tarai soils	I. Madhya Pradesh
B. Skeletal soils	II. Uttar Pradesh
C. Mountain meadow soils	III. Punjab
D. Calcareous sierozemic soils	IV. Kashmir

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

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

**Options :**

19088927033. 1

19088927034. 2

19088927035. 3

19088927036. 4

**Question Number : 45 Question Id : 1908896786 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Identify the disease of apple which is caused by *Glomeralla cingulata*

1. Alternaria rot
2. Aspergillus rot
3. Bitter rot
4. Brown rot

**Options :**

19088927037. 1

19088927038. 2

19088927039. 3

19088927040. 4

Question Number : 46 Question Id : 1908896787 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The gross sown and irrigated area in Chandigarh (UT) is approximately

1. 70 %
2. 80%
3. 90%
4. 100%

Options :

19088927041. 1

19088927042. 2

19088927043. 3

19088927044. 4

Question Number : 47 Question Id : 1908896788 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. Mango	I. Chittidar
B. Apple	II. Alphonso
C. Banana	III. Red Delicious
D. Guava	IV. Poovan (AAB)

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

Options :

19088927045. 1

19088927046. 2

19088927047. 3

19088927048. 4

**Question Number : 48 Question Id : 1908896789 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

As per cost concept, the value of fertilizers, seed, pesticides comes under

1. Cost A<sub>1</sub>
2. Cost A<sub>2</sub>
3. Cost B
4. Cost C

**Options :**

19088927049. 1

19088927050. 2

19088927051. 3

19088927052. 4

**Question Number : 49 Question Id : 1908896790 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

National Plant Gene Bank is located at

1. ICAR-IARI, New Delhi
2. ICAR-NBPGR, New Delhi
3. CSIR-NBRI, Lucknow
4. CSIR-ICGEB, New Delhi

**Options :**

19088927053. 1

19088927054. 2

19088927055. 3

19088927056. 4

**Question Number : 50 Question Id : 1908896791 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Environmental Protection Act (EPA) by Government of India was passed in the year

1. 1980
2. 1985
3. 1986
4. 1990

**Options :**

19088927057. 1

19088927058. 2

19088927059. 3

19088927060. 4

**Question Number : 51 Question Id : 1908896792 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

*Azotobacter* is used as

1. Pesticide
2. Bio-fertilizer
3. Fungicide
4. Nematicide

**Options :**

19088927061. 1

19088927062. 2

19088927063. 3

19088927064. 4

**Question Number : 52 Question Id : 1908896793 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Removing plants or animals from their original habitat to an artificially maintained location is known as

1. *In-situ* Conservation
2. *Ex-situ* Conservation
3. In- Conservation
4. Out-Conservation

**Options :**

19088927065. 1

19088927066. 2

19088927067. 3

19088927068. 4

**Question Number : 53 Question Id : 1908896794 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Plant absorbs boron as

1.  $H_3BO_3$
2.  $H_4BO_3$
3.  $H_2BO_2$
4.  $H_2BO_3$

**Options :**

19088927069. 1

19088927070. 2

19088927071. 3

19088927072. 4

**Question Number : 54 Question Id : 1908896795 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The web of digital dissemination system for Indian Agricultural Research is

1. ISPPWEB
2. AgNIC
3. NISPM
4. AGROWEB

**Options :**

19088927073. 1

19088927074. 2

19088927075. 3

19088927076. 4

**Question Number : 55 Question Id : 1908896796 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Syngonium, Areca palm, Zade and Century plants are ideal indoor plants

**Statement II:** Perennial and seasonal plants are used as edge plants

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 :**

19088927077. 1

19088927078. 2

19088927079. 3

19088927080. 4

**Question Number : 56 Question Id : 1908896797 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following mineral plays a major role in energy storage and transfer of ADP and ATP

1. Phosphorus
2. Magnesium
3. Molybdenum
4. Sulphur

**Options :**

19088927081. 1

19088927082. 2

19088927083. 3

19088927084. 4

**Question Number : 57 Question Id : 1908896798 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Average Zinc content of mineral soils varies from

1. 10 to 330 ppm
2. 1 to 30 ppm
3. 350 to 500 ppm
4. 500 to 1000 ppm

**Options :**

19088927085. 1

19088927086. 2

19088927087. 3

19088927088. 4

**Question Number : 58 Question Id : 1908896799 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

During the year 2020, Dr. Paul Milgrom and Dr. Robert B. Wilson received Nobel Prize in Economy for

1. New Financial Policy
2. New Telly Software
3. New Economic Policy
4. New Auction Format

**Options :**

19088927089. 1

19088927090. 2

19088927091. 3

19088927092. 4

**Question Number : 59 Question Id : 1908896800 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The production of rice in India during the financial year 2020-2021 up to September, 2020 was:

1. 102.36 Million Ton
2. 105.36 Million Ton
3. 103.56 Million Ton
4. 105.56 Million Ton

**Options :**

19088927093. 1

19088927094. 2

19088927095. 3

19088927096. 4

**Question Number : 60 Question Id : 1908896801 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Which of the following is NOT a clay minerals?

1. Organic colloids
2. Chlorite
3. Illite
4. Apatite

**Options :**

19088927097. 1

19088927098. 2

19088927099. 3

19088927100. 4

**Question Number : 61 Question Id : 1908896802 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. Grasserie	I. Nosema
B. Muscardine	II. Bacteria
C. Flacherie	III. BmNPV
D. Pebrine	IV. Fungus

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

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

**Options :**

19088927101. 1

19088927102. 2

19088927103. 3

19088927104. 4

**Question Number : 62 Question Id : 1908896803 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

In mulberry silkworm Grasserie is caused by

1. BmNPV
2. CPV
3. IFLV
4. Densovirus

**Options :**

19088927105. 1

19088927106. 2

19088927107. 3

19088927108. 4

**Question Number : 63 Question Id : 1908896804 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Primary host plant of *Antheraea assamensis* is:

1. *Persea bombycina* and *Litsea monopetala*
2. *Persea bombycina* and *Persea americana*
3. *Persia bombycina* and *Litsea cubeba*
4. *Persia bombycina* and *Litsea citrata*

**Options :**

19088927109. 1

19088927110. 2

19088927111. 3

19088927112. 4

**Question Number : 64 Question Id : 1908896805 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Entognathous mouth parts are found in:

1. Lepidoptera
2. Hymenoptera
3. Thysanura
4. Collembola

**Options :**

19088927113. 1

19088927114. 2

19088927115. 3

19088927116. 4

**Question Number : 65 Question Id : 1908896806 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Insect belong to the superclass

1. Diplopoda
2. Chilopoda
3. Myriapoda
4. Hexapoda

**Options :**

19088927117. 1

19088927118. 2

19088927119. 3

19088927120. 4

**Question Number : 66 Question Id : 1908896807 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The nature of hind wings in beetles is

1. Elytra
2. Hemelytra
3. Membraneous
4. Tegmen

**Options :**

19088927121. 1

19088927122. 2

19088927123. 3

19088927124. 4

**Question Number : 67 Question Id : 1908896808 Question Type : MCQ Option Shuffling : No Is  
Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Ametabolous condition is present in

1. Mayfly
2. Silverfish
3. Zorapterans
4. Psocids

**Options :**

19088927125. 1

19088927126. 2

19088927127. 3

19088927128. 4

**Question Number : 68 Question Id : 1908896809 Question Type : MCQ Option Shuffling : No Is  
Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Cement layer of cuticle is composed of

1. Tyrosins
2. Lipoproteins
3. Hexamerins
4. Carbohydrate

**Options :**

19088927129. 1

19088927130. 2

19088927131. 3

19088927132. 4

**Question Number : 69 Question Id : 1908896810 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Proventriculus is absent or rudimentary in:

1. Hemiptera
2. Lepidoptera
3. Coleoptera
4. Orthoptera

**Options :**

19088927133. 1

19088927134. 2

19088927135. 3

19088927136. 4

**Question Number : 70 Question Id : 1908896811 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Gall flies are grouped under the family

1. Anthomyiidae
2. Tephritidae
3. Asilidae
4. Cecidomyiidae

**Options :**

19088927137. 1

19088927138. 2

19088927139. 3

19088927140. 4

**Question Number : 71 Question Id : 1908896812 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Brush footed legs are found in

1. Nyphalid butterflies
2. Lycanid butterflies
3. Noctuid moths
4. Sphingid moths

**Options :**

19088927141. 1

19088927142. 2

19088927143. 3

19088927144. 4

**Question Number : 72 Question Id : 1908896813 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Antennae shorter than body and consist less than 30 segments are

1. Tridactyloidea
2. Tettigonoidea
3. Acridoidea
4. Gryllacridoidea

**Options :**

19088927145. 1

19088927146. 2

19088927147. 3

19088927148. 4

**Question Number : 73 Question Id : 1908896814 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Body and wings covered with pigmented scales

1. Diptera
2. Lepidoptera
3. Hymenoptera
4. Odonata

**Options :**

19088927149. 1

19088927150. 2

19088927151. 3

19088927152. 4

**Question Number : 74 Question Id : 1908896815 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Antennae of female mosquitoes are

1. Plumose
2. Whorled
3. Bipectinate
4. Pilose

**Options :**

19088927153. 1

19088927154. 2

19088927155. 3

19088927156. 4

**Question Number : 75 Question Id : 1908896816 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following insect have adhesive type of leg

1. Butterflies
2. Whiteflies
3. Fireflies
4. Houseflies

**Options :**

19088927157. 1

19088927158. 2

19088927159. 3

19088927160. 4

**Question Number : 76 Question Id : 1908896817 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



Suffixing alphabets for the family name is

1. ini
2. inae
3. idea
4. oidea

**Options :**

19088927161. 1

19088927162. 2

19088927163. 3

19088927164. 4

**Question Number : 77 Question Id : 1908896818 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Bi-nominal nomenclature was given by

1. Linnaeus
2. Moore
3. Walker
4. Christoffersen

**Options :**

19088927165. 1

19088927166. 2

19088927167. 3

19088927168. 4

**Question Number : 78 Question Id : 1908896819 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Leaf mining flies belonging to

1. Cecidomyidae
2. Culicidae
3. Tabanidae
4. Agromigidae

**Options :**

19088927169. 1

19088927170. 2

19088927171. 3

19088927172. 4

**Question Number : 79 Question Id : 1908896820 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Urate cells are the excretory granules present in insect

1. Alimentary canal
2. Integument
3. Wings
4. Fat bodies

**Options :**

19088927173. 1

19088927174. 2

19088927175. 3

19088927176. 4

**Question Number : 80 Question Id : 1908896821 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The type of neurons present in the peripheral nervous system

1. Apolar
2. Unipolar
3. Bipolar
4. Ganglia

**Options :**

19088927177. 1

19088927178. 2

19088927179. 3

19088927180. 4

**Question Number : 81 Question Id : 1908896822 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Transverse tubular system is a structure of

1. Nervous system
2. Muscular system
3. Digestive system
4. Reproductive system

**Options :**

19088927181. 1

19088927182. 2

19088927183. 3

19088927184. 4

**Question Number : 82 Question Id : 1908896823 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Forewing modified as Pseudohaltere in order

1. Diptera
2. Mecoptera
3. Strepsiptera
4. Thyasanoptera

**Options :**

19088927185. 1

19088927186. 2

19088927187. 3

19088927188. 4

**Question Number : 83 Question Id : 1908896824 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

*Saula feruginosa* (Gerst)- pest of Vanilla belong to which family

1. Dryophthoridae
2. Endomychidae
3. Noctuidae
4. Pentatomidae

**Options :**

19088927189. 1

19088927190. 2

19088927191. 3

19088927192. 4

**Question Number : 84 Question Id : 1908896825 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Chitin is absent in

1. Epicuticle
2. Procuticle
3. Exocuticle
4. Enocuticle

**Options :**

19088927193. 1

19088927194. 2

19088927195. 3

19088927196. 4

**Question Number : 85 Question Id : 1908896826 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Booklice belongs to the order

1. Isoptera
2. Hemiptera
3. Psocoptera
4. Mallophaga

**Options :**

19088927197. 1

19088927198. 2

19088927199. 3

19088927200. 4

**Question Number : 86 Question Id : 1908896827 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

In insects, Octopamine is

1. Neurotransmitter
2. Neuromodulator
3. Pheromone
4. Kairomone

**Options :**

19088927201. 1

19088927202. 2

19088927203. 3

19088927204. 4

**Question Number : 87 Question Id : 1908896828 Question Type : MCQ Option Shuffling : No Is  
Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Foundation of insect taxonomy was first laid down by

1. Fabricius
2. Hampson
3. Linnaeus
4. Tillyard

**Options :**

19088927205. 1

19088927206. 2

19088927207. 3

19088927208. 4

**Question Number : 88 Question Id : 1908896829 Question Type : MCQ Option Shuffling : No Is  
Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Forewing modified into leathery tegmina is present in

1. Beetles
2. Grasshoppers
3. Butterflies
4. Bugs

**Options :**

19088927209. 1

19088927210. 2

19088927211. 3

19088927212. 4

**Question Number : 89 Question Id : 1908896830 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

What type of mouth parts are present in Lepidopteran larvae?

1. Chewing and lapping type
2. Siphoning type
3. Biting and chewing type
4. Sponging type

**Options :**

19088927213. 1

19088927214. 2

19088927215. 3

19088927216. 4

**Question Number : 90 Question Id : 1908896831 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Coagulation of hemolymph is associated with the pigment

1. Oenocytoids
2. Spherules
3. Cystocytes
4. Adipohaemocytes

**Options :**

19088927217. 1

19088927218. 2

19088927219. 3

19088927220. 4

**Question Number : 91 Question Id : 1908896832 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is tanning hormone?

1. Brain hormone
2. Ecdysone
3. Bursicon
4. Juvenile hormone

**Options :**

19088927221. 1

19088927222. 2

19088927223. 3

19088927224. 4

**Question Number : 92 Question Id : 1908896833 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**



The biodiversity within a region and result from exchanges and turnover of species among habitats is

1. Alpha diversity
2. Beta diversity
3. Gamma diversity
4. Delta diversity

**Options :**

19088927225. 1

19088927226. 2

19088927227. 3

19088927228. 4

**Question Number : 93 Question Id : 1908896834 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is “r-strategist” ?

1. Aphids
2. Bees
3. Codling moth
4. Tiger moth

**Options :**

19088927229. 1

19088927230. 2

19088927231. 3

19088927232. 4

**Question Number : 94 Question Id : 1908896835 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The interaction where one of the organisms is harmed by the associated unaffected organism is

1. Mutualism
2. Commensalism
3. Amensolism
4. Protocooperation

**Options :**

19088927233. 1

19088927234. 2

19088927235. 3

19088927236. 4

**Question Number : 95 Question Id : 1908896836 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Polymorphic population can be estimated with

1. Quadrat method
2. Absolute estimates
3. Relative estimates
4. Population indices

**Options :**

19088927237. 1

19088927238. 2

19088927239. 3

19088927240. 4

**Question Number : 96 Question Id : 1908896837 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Furca is present in

1. Grub of Coleoptera
2. Nymph of Hemiptera
3. Adult Collembola
4. Caterpillar of Lepidoptera

**Options :**

19088927241. 1

19088927242. 2

19088927243. 3

19088927244. 4

**Question Number : 97 Question Id : 1908896838 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Rice yellow dwarf disease is transmitted by

1. *Recilia dorsalis*
2. *Nephotettix virescens*
3. *Nephotettix nigropictus*
4. *Nilaparvata lugens*

**Options :**

19088927245. 1

19088927246. 2

19088927247. 3

19088927248. 4

**Question Number : 98 Question Id : 1908896839 Question Type : MCQ Option Shuffling : No Is**

**Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following have varying number of nymphal instars between (23-45)

1. Mayflies
2. Caddisflies
3. Syrphid flies
4. House flies

**Options :**

19088927249. 1

19088927250. 2

19088927251. 3

19088927252. 4

**Question Number : 99 Question Id : 1908896840 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>Musca nebula</i>	I. Onchocerciasis
B. <i>Culex fatigans</i>	II. Gastroenteritis
C. <i>Aedes albopictus</i>	III. Filariasis
D. <i>Simulium damnosum</i>	IV. Chikengunya

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

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

**Options :**

19088927253. 1

19088927254. 2

19088927255. 3

19088927256. 4

**Question Number : 100 Question Id : 1908896841 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The identification symptoms for pebrine disease in 4th and 5th instar larvae of mulberry silkworm is

1. Blue spots over the body
2. Black spots over the body
3. Yellow spots over the body
4. Black and yellow spots over the body

**Options :**

19088927257. 1

19088927258. 2

19088927259. 3

19088927260. 4

**Question Number : 101 Question Id : 1908896842 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Insect use infochemical for intraspecific communication called as

1. Kairomones
2. Pheromones
3. Secret chemicals
4. Hydrocarbons

**Options :**

19088927261. 1

19088927262. 2

19088927263. 3

19088927264. 4

**Question Number : 102 Question Id : 1908896843 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of following is used in Pediculicide formulation?

1. Imidacloprid
2. Lindane
3. Fipronil
4. Esbiol

**Options :**

19088927265. 1

19088927266. 2

19088927267. 3

19088927268. 4

**Question Number : 103 Question Id : 1908896844 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. Red spider mite	I. <i>Psoroptes ovis</i>
B. Pear leaf blister mite	II. <i>Dermanyssus gallinae</i>
C. Chicken mite	III. <i>Eriophyes pyri</i>
D. Sheep scab mite	IV. <i>Tetranychus neocaledonicus</i>

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-III, C-IV, D-I

**Options :**

19088927269. 1

19088927270. 2

19088927271. 3

19088927272. 4

**Question Number : 104 Question Id : 1908896845 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Given below are two statements

**Statement I:** Tobacco mosaic viruses are transmitted by aphids.

**Statement II:** *Diuraphis noxia* aphid is major pest of apple

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 :**

19088927273. 1

19088927274. 2

19088927275. 3

19088927276. 4

**Question Number : 105 Question Id : 1908896846 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>Megachile</i>	I. Smyrna fig
B. <i>Apis</i>	II. Yucca
C. <i>Tegeticula</i>	III. Alfalfa
D. <i>Blastophaga</i>	IV. Okra

Choose the correct answer from the options given below:

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

**Options :**

19088927277. 1

19088927278. 2

19088927279. 3

19088927280. 4

**Question Number : 106 Question Id : 1908896847 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Father of Biological classification is

1. Carl Linnaeus
2. De Candole
3. Aristotle
4. Adanson

**Options :**

19088927281. 1

19088927282. 2

19088927283. 3

19088927284. 4

**Question Number : 107 Question Id : 1908896848 Question Type : MCQ Option Shuffling : No**



**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The biggest insect order is

1. Hymenoptera
2. Coleoptera
3. Hemiptera
4. Lepidoptera

**Options :**

19088927285. 1

19088927286. 2

19088927287. 3

19088927288. 4

**Question Number : 108 Question Id : 1908896849 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Collophore in Collembolan is present on the abdominal segment

1. I
2. II
3. III
4. IV

**Options :**

19088927289. 1

19088927290. 2

19088927291. 3

19088927292. 4

**Question Number : 109 Question Id : 1908896850 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Number of segments present in an insect head are

1. 9
2. 6
3. 1
4. 12

**Options :**

19088927293. 1

19088927294. 2

19088927295. 3

19088927296. 4

**Question Number : 110 Question Id : 1908896851 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Galea is a part of

1. Mandible
2. Maxilla
3. Labrum
4. Labium

**Options :**

19088927297. 1

19088927298. 2

19088927299. 3

19088927300. 4

**Question Number : 111 Question Id : 1908896852 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Trochanter is a part of

1. Antennae
2. Leg
3. Head
4. Wing

**Options :**

- 19088927301. 1
- 19088927302. 2
- 19088927303. 3
- 19088927304. 4

**Question Number : 112 Question Id : 1908896853 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. Cold storage	I. Cultural control
B. Shaking the plants	II. Mechanical control
C. Use of pheromone trap	III. Physical control
D. Destruction of crop residue	IV. Behavioural control

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

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

**Options :**

- 19088927305. 1
- 19088927306. 2
- 19088927307. 3
- 19088927308. 4

**Question Number : 113 Question Id : 1908896854 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

The oldest well known insect fossil was found during the period of

1. Devonian
2. Silurian
3. Permian
4. Carboniferous

**Options :**

19088927309. 1

19088927310. 2

19088927311. 3

19088927312. 4

**Question Number : 114 Question Id : 1908896855 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**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 :** Sir Ronold Ross in 1897 made the discovery of Plasmodium in the dissected *Anopheles* mosquito

**Reason R :** The American entomologist E.F.Knipling in 1937, developed male sterile technique against fruit flies

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 :**

19088927313. 1

19088927314. 2

19088927315. 3

19088927316. 4

**Question Number : 115 Question Id : 1908896856 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Barium carbonate is used as

1. Avicide
2. Nematicide
3. Rodenticide
4. Miticide

**Options :**

19088927317. 1

19088927318. 2

19088927319. 3

19088927320. 4

**Question Number : 116 Question Id : 1908896857 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is used as insecticide, fungicide, nematicide and weedicide too?

1. Diazinon
2. Doline
3. Diuron
4. Dazomet

**Options :**

19088927321. 1

19088927322. 2

19088927323. 3

19088927324. 4

**Question Number : 117 Question Id : 1908896858 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

International Centre for Insect Physiology and Ecology is at

1. Japan
2. China
3. Canada
4. Kenya

**Options :**

19088927325. 1

19088927326. 2

19088927327. 3

19088927328. 4

**Question Number : 118 Question Id : 1908896859 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

Which of the following is used as growth regulator against mites?

1. Bifenazate
2. Propargite
3. Hexythiazox
4. Diafenthiuron

**Options :**

19088927329. 1

19088927330. 2

19088927331. 3

19088927332. 4

**Question Number : 119 Question Id : 1908896860 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. Tent caterpillar	I. <i>Lymantria obfuscata</i>
B. Codling moth	II. <i>Dorysthenes hugelii</i>
C. Apple root borer	III. <i>Malacosma indicum</i>
D. Indian Gypsy moth	IV. <i>Cydia pomonella</i>

Choose the correct answer from the options given below:

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

**Options :**

19088927333. 1

19088927334. 2

19088927335. 3

19088927336. 4

**Question Number : 120 Question Id : 1908896861 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 4 Wrong Marks : 1**

When the Insecticide Rules were brought into force

1. October 30, 1971
2. September 2, 1968
3. September 24, 1954
4. February 3, 1914

**Options :**

19088927337. 1

19088927338. 2

19088927339. 3

19088927340. 4