

PREVIEW QUESTION BANK

Module Name : ENTOMOLOGY AND NEMATOLOGY-ENG
Exam Date : 09-Jul-2023 Batch : 10:00-12:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	701	<p>Garima is the famous variety of :</p> <ol style="list-style-type: none"> 1. Mustard 2. Paddy 3. Wheat 4. Barley <p>A1 : 1 A2 : 2 A3 : 3 A4 : 4</p>	4.0	1.00
Objective Question				
2	702	<p>Which nutrient plays the main role in gene expression and regulation?</p> <ol style="list-style-type: none"> 1. Boron 2. Zinc 3. Nitrogen 4. Phosphorus <p>A1 : 1 A2 : 2 A3 : 3 A4 : 4</p>	4.0	1.00
Objective Question				
3	703	<p>Iron deficiency is common in which soil?</p> <ol style="list-style-type: none"> 1. Acid Soil 2. Red Soil 3. Calcareous Soil 4. Black Soil 	4.0	1.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

4 704

How many days short-range weather forecasting is valid?

1. 4

2. 3

3. 5

4. 6

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

5 705

Agronomic Research conducted in farmer's field with the active participation of farmers is known as

1. On Farm Research

2. Front Line Demonstration

3. Field to trial

4. Demonstration

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

6 706

4.0 1.00

What is the test weight of 100 grams of rice?

1. 30g
2. 20g
3. 25g
4. 40g

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

7 707

4.0 1.00

Most problems in rice cultivation are?

- (A) Zinc deficiency and toxicity
- (B) Iron deficiency and toxicity
- (C) Boron deficiency and toxicity
- (D) Sulphur deficiency and toxicity

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

8 708

4.0 1.00

High starch and protein is a variety of

- (A) Rice
- (B) Maize
- (C) Bajra
- (D) Ragi

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

1. (A) only.
2. (B) only
3. (A) and (B) only.
4. (A), (B) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

9 709

4.0 1.00

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

List-I	List-II
(A) <i>Cicer arietinum</i> (L)	(I) Black gram
(B) <i>Cajanus cajan</i> (L)	(II) Lentil
(C) <i>Vigna mungo</i> (L)	(III) Chickpea
(D) <i>Lens culinaris</i>	(IV) Pigeon pea

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

10	710	<p>Given below are two statements:</p> <p>Statement (I) : Mixed cropping refers to sowing more than two crops in a season.</p> <p>Statement (II) : Mixed farming refers to more than two enterprises taken together.</p> <p>Choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> Both Statement (I) and Statement (II) are correct. Both Statement (I) and Statement (II) are incorrect. Statement (I) is correct but Statement (II) is incorrect. Statement (I) is incorrect but Statement (II) is correct. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	--	-----	------

Objective Question

11	711	<p>Micrometer instrument is used for measuring which one of the following:</p> <ol style="list-style-type: none"> Root pressure Hydraulic conductivity Size of micro-organisms Air humidity <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	---	-----	------

Objective Question

12	712	<p>From the following who was the father of soil testing technique:</p> <ol style="list-style-type: none"> M. L. Trong James Stuart S. N. Winogradsky Milne. 	4.0	1.00
----	-----	--	-----	------

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

13 713

4.0

1.00

The simplest measure of variability in data set is:

- (A) Range
- (B) Mean
- (C) Mode
- (D) Median

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

14 714

4.0

1.00

Which of the following belong to non-silicate minerals?

- (A) Hematite
- (B) Dolomite
- (C) Chlorites
- (D) Kaolinite

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

15 715

4.0 1.00

Match List I with List II

List I	List II
(A) Total nitrogen in soil is determined by	(I) Flame photometer
(B) Available nitrogen is determined by	(II) Alkaline permanganate method
(C) K and B is determined by	(III) Terbimatric method
(D) Sulphate sulphure (SO ₄) is determined by	(IV) Kjeldahl method

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

- (A) - (I), (B) - (III), (C) - (II), (D) - (IV)
- (A) - (IV), (B) - (II), (C) - (I), (D) - (III)
- (A) - (II), (B) - (IV), (C) - (III), (D) - (I)
- (A) - (III), (B) - (IV), (C) - (II), (D) - (I)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

16 716

4.0 1.00

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

List I	List II
(A) Pusa Aditya	(I) Papaya
(B) Amrapali	(II) Sweet Orange
(C) Pusa Dwarf	(III) Mango
(D) Pusa Sharad	(IV) Grape

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

- (A) - (IV), (B) - (III), (C) - (I), (D) - (II)
- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (II), (B) - (I), (C) - (III), (D) - (IV)
- (A) - (III), (B) - (IV), (C) - (II), (D) - (I)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

17 717

4.0 1.00

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

List I	List II
(A) Protoplasm	(I) Hanstein, 1880
(B) Protoplast	(II) A.F.W. Schimper
(C) Plastid	(III) J.E. Purkinje, 1840
(D) Chloroplast	(IV) E. Haeckel, 1865

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

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (III), (B) - (IV), (C) - (II), (D) - (I)
- (A) - (II), (B) - (III), (C) - (IV), (D) - (I)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

18 718

4.0 1.00

Given below are two statements:

Statement I : Science of identifying the sequence of DNA in species is called as Genomics.

Statement II : PCR techniques provide several copies of specific DNA sequence.

In light of above statements, choose the *correct* 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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

19 719

4.0 1.00

Given below are two statements:

Statement (I) : Soil formation is largely controlled by five major factors such as climate, living organisms, parental material, topography and time.

Statement (II) : Stunted growth, thin stem, poor tillering and yellowing of plant is symptom of manganese deficiency.

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

20 720

4.0 1.00

Given below are two statements:

Statement (I) : The soil temperature is measured near the surface of the soil.

Statement (II) : Favorable soil temperature for nutrient absorption is 37 - 42⁰C.

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

1. Both **Statements (I)** and **Statement (II)** are incorrect.
2. Both **Statements (I)** and **Statement (II)** are correct.
3. **Statement (I)** is incorrect and **Statement (II)** is correct.
4. **Statement (I)** is correct and **Statement (II)** is incorrect.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

21 721

4.0 1.00

An endemic honeybee which was discovered in the Western Ghats after a gap of more than 200 years is

1. *Apis karinjodian*
2. *Apis karjodian*
3. *Apis gajhodian*
4. *Apis bharti*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

22 722

4.0 1.00

Who was the discoverer of insecticidal properties of DDT?

1. Dr Paul Muller
2. Dr Swaminathan
3. Dr N Borlaug
4. Dr. Paul Miller

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

23 723

Aedes aegyptii, a vector for an infection tropical disease characterised by fever, extreme pain in joints and muscles is

- (A) Dengue fever
 - (B) Breakbone fever
 - (C) Typhus fever
 - (D) Hypofever
1. (A) and (D) only.
 2. (A), (B) and (C) only.
 3. (A) and (B) only.
 4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

24 724

A condition caused due to insect feeding which produces symptoms of a disease in human is termed as

1. Toxigenic
2. Toxicogenic
3. Phytotoxemia.
4. Phytotogenic

4.0 1.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

25 725

A form of viviparity in which the female gives birth to larvae instead of depositing eggs is

1. Larvagenesis
2. Larviparity
3. Larva laying
4. Larvicidal

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

26 726

Match List I with List II

List I	List II
(A) Mallophaga	(I) Fleas
(B) Siphonoptera	(II) Bird Lice
(C) Anoplura	(III) Telson tail
(D) Protura	(IV) Sucking lice

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

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

A1 : 1

A2 : 2

4.0

1.00

A3 : 3

A4 : 4

Objective Question

27 727

4.0 1.00

Match List I with List II

List I	List II
(A) First generation pesticide	(I) Highly toxic compounds
(B) Second generation pesticide	(II) Synthetic compounds
(C) Third generation pesticide	(III) Microbial insecticide
(D) Transgenic pesticides	(IV) Hormone analogue

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

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (II), (B) - (I), (C) - (III), (D) - (IV)
- (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

28 728

4.0 1.00

Inflamed gills, excessive mucous secretions and accelerated respiration in fishes is due to infections of

- Dactylogyrus*
- Pyrodactylus*
- Dactylus*
- Meloidogyne*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

29	729	<p>Shared nest and cooperative brood care is found in</p> <ol style="list-style-type: none"> 1. Eusocial insects 2. Quasi social insects 3. Semi social insects 4. Sub social insects <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	---	-----	------

Objective Question

30	730	<p>ATMA stands for</p> <ol style="list-style-type: none"> 1. Agricultural Technology Management Agency 2. Agro-Teaching Module and Application 3. Agricultural Teaching Management Agency 4. Air Temperature Management Alliance <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	--	-----	------

Objective Question

31	731	<p>The Reniform nematode, <i>Rotylenchulus reniformis</i> have a unique life cycle where the egg gives rise to</p> <ol style="list-style-type: none"> 1. First stage juvenile 2. Second stage juvenile 3. Third stage juvenile 4. Adult female <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00
----	-----	--	-----	------

A3 : 3

A4 : 4

Objective Question

32	732	<p>Root-lesion nematodes causing serious damage to tea and coffee are</p> <p>(A) <i>Pratylenchus loosi</i></p> <p>(B) <i>Pratylenchus coffeae</i></p> <p>(C) <i>Pratylenchus zaeae</i></p> <p>(D) <i>Pratylenchus thornei</i></p> <p>Choose the correct answer from the options given below</p> <ol style="list-style-type: none"> (A), (B) and (D) only. (A), (C) and (D) only. (A) and (B) only. (B) and (D) only. 	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

33	733	<p>Government of India had enacted the Insecticides Act way back in the year</p> <ol style="list-style-type: none"> 1966 1968 1969 1970 	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

34	734		4.0	1.00
----	-----	--	-----	------

Given below are two statements:

Statement (I) : Crop Rotation exerts most effect on pests having a narrow plant host range and limited mobility

Statement (II) : Crop Rotation exerts most effect on pests having a wide plant host range and limited mobility

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35 735

Juvenile hormone is secreted by

1. Corpora Allata
2. Corpora Juvenile
3. Brain
4. Optic lobe

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

36 736

Male copulatory organ in insects is known as

1. Vas deferens
2. Bursa copulatrix
3. Aedeagus
4. Testes

4.0 1.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

37 737

4.0 1.00

Match List-I with List-II

List-I	List-II
(Book/Theory proposed/ Characteristic, etc.)	(Author/Thinker/ Name of Theory, etc.)
(A) Plecoptera	(I) Stonefly
(B) Mecoptera	(II) Scorpionfly
(C) Neuroptera	(III) Earwig
(D) Dermaptera	(IV) Antlion

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

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (II), (B) - (I), (C) - (III), (D) - (IV)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

38 738

4.0 1.00

Symphilids are closely related to

- (A) Centipedes
- (B) Millipedes
- (C) Snails
- (D) Slugs

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

39 739

Insects that have the potential to reach pest status but normally suppressed by natural regulating factors are

- 1. Key Pest
- 2. Occasional Pest
- 3. Potential Pest
- 4. Regular Pest

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

40 740

4.0 1.00

Peritrophic membrane lines the

- (A) Midgut internally
- (B) Midgut and Foregut
- (C) Hindgut
- (D) Foregut

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

- 1. (A), (B) and (D) only
- 2. (A) only
- 3. (B) only
- 4. (B) and (D) only

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

41 741

An ant attractant which helps in seed dispersal and arises as an outgrowth from surface of seed having fats and oils is

- 1. Elaiosome
- 2. Protosome
- 3. Deutrosome
- 4. Allosome

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

42 742

4.0 1.00

Oospore produced without sexual reproduction is

1. Sporozoite
2. Aboospore
3. Zoolospore
4. Tropospore

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

43 743

An extinct order of Gymnosperm that includes Paleozoic fossil plant is

1. Cordtail
2. Cordaitales
3. Basidiomycetes
4. Ascomycetes

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

44 744

4.0 1.00

Given below are two statements:

Statement I : Evapotranspiration is the total amount of water lost during a specific time from a particular area by evaporation from the soil surface and by transportation from the plants growing in that area.

Statement II : Evapotranspiration is the minimum amount of water lost during a specific time from a particular area by evaporation from the soil surface and by transportation from the plants growing in that area.

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

45 745

A crystalline fatty acid found in mustard seed/and rape seed in high quantity remains a threat to the person's health having low immunity mainly due to the presence of

1. Erucic Acid
2. Abscisic Acid
3. Gibberellic acid
4. Capsian Acid

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

46 746

4.0 1.00

Given below are two statements:

Statement (I) : A rare form of ovule orientation in ovary, wherein the micropyle lies in straight line with the chalaza and funicle is known as Orthotropous ovary.

Statement (II) : Orthotropous ovary is found in *Piper nigrum*.

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

47 747

Ringworm fungal disease of skin affecting mammals and animals is caused by

- (A) *Trichophyton mentagrophytes*
- (B) *Achorion* species
- (C) *Microsporum* species
- (D) *Gallus domesticus*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

48 748

4.0 1.00

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

List-I Rice Variety	List-II Region
(Book/Theory proposed/ Characteristic, etc.)	(Author/Thinker/Name of Theory, etc.)
(A) Boro rice	(I) Rice in Nepal
(B) Kalanamak	(II) Dehradun
(C) Sticky rice	(III) Spring Rice
(D) Basmati rice	(IV) Bora Saul

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

- (A) - (III), (B) - (I), (C) - (IV), (D) - (II)
- (A) - (III), (B) - (II), (C) - (IV), (D) - (I)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

49 749

Plants in which pollination and fertilisation occurs in the unopened flower bud is

- Xenogamy
- Geitonogamy
- Pleistogamy
- Cleistogamy

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

50 750

4.0 1.00

Temporary portable covering to provide protection to young seedlings against cold, heavy rains, winds etc and untimely encouraging early growth is

1. Cloche
2. Porche
3. Shade
4. Hedge

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

51	751	<p>A system of soil management in which the plants, especially legumes, are grown in perennial grasses without any tillage is</p> <ol style="list-style-type: none"> 1. Pod Culture 2. Broth culture 3. Culture Medium 4. Sod Culture <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	---	-----	------

Objective Question

52	752	<p>FFC stands for</p> <ol style="list-style-type: none"> 1. Forecasting and Forewarning Centre 2. Farmer Field Centre 3. Farming Forecasting Centre 4. Forecasting For Climate <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.00
----	-----	--	-----	------

A4 : 4

Objective Question

53	753	<p>Given below are two statements:</p> <p>Statement (I) : Agroecosystems of developed and developing countries depend on industrial chemicals, especially fertilizers</p> <p>Statement (II) : Certainly root health is prerequisite to stability of the agroecosystem</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below:</p> <ol style="list-style-type: none"> Both Statement (I) and Statement (II) are correct Both Statement (I) and Statement (II) are incorrect Statement (I) is correct but Statement (II) is incorrect Statement (I) is incorrect but Statement (II) is correct <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	---	-----	------

Objective Question

54	754	<p>Cultural Practices include</p> <p>(A) Varietal Selection</p> <p>(B) Pruning</p> <p>(C) Picking</p> <p>(D) Cover crop Management and weed control</p> <p>Choose the <i>correct</i> answer from the options given below:</p> <ol style="list-style-type: none"> (A), (B) and (D) only (A), (B) and (C) only (A), (B), (C) and (D) (B), (C) and (D) only <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	--	-----	------

Objective Question

55	755	<p>Given below are two statements:</p> <p>Statement (I) : Pest Management in humid areas is more complex because of the greater number of pest species which must be controlled. It requires an elaborate spray program for treatment of diseases</p> <p>Statement (II) : In arid areas a less complex spray program may enhance the utilization of cultural practices and biological agents in pest management</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below:</p> <ol style="list-style-type: none"> Both Statement (I) and Statement (II) are correct Both Statement (I) and Statement (II) are incorrect Statement (I) is correct but Statement (II) is incorrect Statement (I) is incorrect but Statement (II) is correct <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	---	-----	------

Objective Question

56	756	<p>Citrus canker is a disease caused by</p> <ol style="list-style-type: none"> Bacteria Fungi Mites Deficiency of trace elements <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	--	-----	------

Objective Question

57	757		4.0	1.00
----	-----	--	-----	------

An extinct order of Gymnosperm that includes Paleozoic fossil plant

1. Dicots
2. Ginkgoales
3. Bryophyte
4. Pteridophyte

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

58 758

Annosus Root-rot disease is caused by a wood decay fungus known as

1. *Fomes annosus*
2. *Annosus foam*
3. *Ennomos subsignarius*
4. *Archips sp*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

59 759

4.0 1.00

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

List-I	List-II
(Book/Theory proposed/ Characteristic, etc.)	(Author/Thinker/ Name of Theory, etc.)
(A) Malaria	(I) <i>Anopheles</i> Female
(B) Filariasis	(II) <i>Culex</i> and <i>Aedes</i>
(C) Dengue	(III) <i>Aedes</i> Female
(D) Encephalitis	(IV) <i>Culex</i> and <i>Aedes</i>

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

- (A) - (III), (B) - (II), (C) - (I), (D) - (IV)
- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

60 760

Chlorosis is caused by various factors like

- lack of light
- Iron Deficiency
- Magnesium Deficiency
- Excess of Calcium

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

- (A), (B) and (D) only
- (A), (B) and (C) only
- (B), (C) and (D) only
- (A), (B), (C) and (D)

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

61 761

4.0 1.00

Parrot beaking is caused by mirid in

1. Mung bean
2. Sorghum
3. Sesame
4. Cotton

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

62 762

4.0 1.00

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

List-I (Book/Theory proposed/ Characteristic, etc.)	List-II (Author/Thinker/ Name of Theory, etc.)
(A) Indian meal moth	(I) Fluttering during courtship
(B) Angoumois grain moth	(II) The adult moth is larger than other moths
(C) The almond moth	(III) Initial infestation takes place in the grain at field insect at milk stage
(D) Rice moth	(IV) The larva first feeds on germ point

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

63 763

The required moisture content for the storage of seed of oil seeds is

1. 10-12%
2. 13%
3. 8%
4. 14%

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

64 764

The variety of soybean which is being used as a susceptible check for YMV screening is

1. JS 335
2. PK 416
3. SL 295
4. PK 564

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

65 765

The reputed journal "Biological Conservation" is being published by

1. Taylor and Francis
2. John Wiley and Sons Ltd.
3. Royal Entomological Society
4. Elsevier Ltd.

A1 : 1

A2 : 2

4.0

1.00

A3 : 3

A4 : 4

Objective Question

66 766

4.0

1.00

Insects belonging to hemotrophous group are

1. Syrphidae
2. Formicidae
3. Cerambycidae
4. Noctuidae

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

67 767

4.0

1.00

Integrated bee developmental centres (IBDC) have been set up recently in different parts of a country under the aegis of

1. NHM
2. ICAR
3. NBB
4. RKVY

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

68 768

4.0

1.00

In paddy, the elongation of leaf sheath after the infestation of gall fly is due to

1. Allethrin
2. Ecdysone
3. Cecidogen
4. Allomone

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

69 769

In the Indian sub-continent, two most wide spread genetic groups of *Bemisia tabaci* are

1. Asia I and Asia II2
2. Asia III1 and Asia II3
3. Asia I and Asia II3
4. Asia I and Asia III1

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

70 770

Of late, the damage by gall fly, *Lasioptera falcata* has been on the rise in

1. Pumpkin
2. Tapioca
3. Bitter gourd
4. Sorghum

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

71 771

4.0 1.00

Match List I with List II

List I	List II
(Type of pesticides)	(Chemicals)
(A) Bactericide	(I) Abamectin
(B) Fungicide	(II) Carbendazim
(C) Acaricide	(III) Streptomycin
(D) Nematicide	(IV) Dicofol

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

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (IV), (B) - (II), (C) - (I), (D) - (III)
- (A) - (III), (B) - (II), (C) - (I), (D) - (IV)
- (A) - (III), (B) - (II), (C) - (IV), (D) - (I)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

72 772

Which class of Bt-endotoxins are Coleopteran -specific

- Cry -I
- Cry -II
- Cry- III
- Cry- IV

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

73 773

4.0 1.00

Neanastatus grallarius and *Platygaster oryzae* are the natural parasitoids of which of the following pest?

1. Beet armyworm
2. Rice gall midge
3. Pink bollworm
4. Green Leafhopper

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

74 774

Athalia lugens belongs to which of the following insect order?

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

75 775

Currently the crystalline toxins obtained from *Bacillus thuringiensis* are classified on the basis of

1. Serology
2. Transgenic capabilities
3. Aminoacid sequences
4. Specificity

A1 : 1

A2 : 2

A3 : 3

4.0 1.00

A4 : 4

Objective Question

76 776

Trichogramma species recommended against rice leaf folder is

1. *Trichogramma chilonis*
2. *Trichogramma japonicum*
3. *Trichogramma brasiliensis*
4. *Trichogramma minutum*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

77 777

Cowpea mosaic virus is transmitted by

1. *Aphis craccivora*
2. *Aphis gossypii*
3. *Myzus persicae*
4. *Bemisia tabaci*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

78 778

Lufenuron is

1. Electron transport inhibitor
2. JH mimic
3. Chitin synthase inhibitor
4. Water balance disruptor

A1 : 1

A2 : 2

4.0

1.00

A3 : 3

A4 : 4

Objective Question

79	779	<p>What is the mode of action of neonicotinoid insecticides?</p> <ol style="list-style-type: none"> 1. Inhibits Acetyl cholinesterase 2. Binds with Nicotinic acetyl choline receptors 3. Blocks voltage-gated sodium channel 4. Blocks Chloride channel <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	--	-----	------

Objective Question

80	780	<p>Which pest passes winter in the plains and migrate to hill region during summer</p> <ol style="list-style-type: none"> 1. Cabbage butterfly 2. Diamond back moth 3. Cabbage aphid 4. Cabbage borer <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	---	-----	------

Objective Question

81	781	<p>Which of the following holometabolous insect order does not belong to Panorpoid orders</p> <ol style="list-style-type: none"> 1. Mecoptera 2. Siphonaptera 3. Lepidoptera 4. Hymenoptera 	4.0	1.00
----	-----	---	-----	------

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

82 782

Three segmented antennae located in deep grooves is the characteristic feature of order

- (A) Protura
- (B) Diplura
- (C) Collembola
- (D) Siphonaptera

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

83 783

Cuvier period of classification lasted from

1. 1769-1832
2. 1707-1778
3. 1700-1780
4. 1759-1822

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

84 784

4.0 1.00

Given below are two statements:

Statement (I) : Holometabolous insects have complete metamorphosis and lack pupal stage in their development

Statement (II) : Hemimetabolous insects have incomplete metamorphosis with pupal stage in their development

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

85 785

4.0 1.00

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

List I	List II
(A) Muller's organ	(I) Pedicle of antenna
(B) Johnston's organ	(II) Tympanum
(C) Pearman's organ	(III) Cicadas
(D) Tymbal	(IV) Hind coxae of Psocoptera

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

86 786

4.0 1.00

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

List I	List II
(A) Mecoptera	(I) Silverfish
(B) Thysanura	(II) Lemon Butterfly
(C) Lepidoptera	(III) Scorpion fly
(D) Trichoptera	(IV) Caddis fly

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

- (A) - (I), (B) - (III), (C) - (IV), (D) - (II)
- (A) - (III), (B) - (I), (C) - (II), (D) - (IV)
- (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
- (A) - (IV), (B) - (II), (C) - (I), (D) - (III)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

87 787

4.0 1.00

Which of the following is concave vein

- Costa
- Anterior media
- Radio-sector
- Anterior cubitus

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

88 788

4.0 1.00

Wax glands in honey bee present on

- (A) 4 to 7 abdominal sterna
- (B) 4 to 7 abdominal terga
- (C) 4 to 7 abdominal pleura
- (D) 8 to 11 abdominal sterna

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

89 789

4.0 1.00

Given below are two statements:

Statement (I) : During the moulting process first step is the detachment of old cuticle called "Apolysis".

Statement (II) : Cement layer is the outermost layer of the epicuticle but it is absent in Honey bee.

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

90 790

4.0 1.00

Epiphyrangial sensilla are found in

1. Cibarium
2. Salivarium
3. Antenna
4. Labrum

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

91 791

Tomato yellow leaf curl virus is transmitted by

1. Thrips
2. Mites
3. Whitefly
4. Flea beetle

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

92 792

Pear decline caused by *Candidatus Phytoplasma pyri* is transmitted by

1. Psyllids
2. Aphids
3. Mites
4. Whiteflies

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

93	793	<p>Given below are two statements:</p> <p>Statement (I) : 99% of the arthropod vectors are insect and 55% of these are aphids</p> <p>Statement (II) : Most of the insect vectors (95%) are beetle</p> <p>In light of the above statements,choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> Both Statement (I) and Statement (II) are correct. Both Statement (I) and Statement (II) are incorrect. Statement (I) is correct but Statement (II) is incorrect. Statement (I) is incorrect but Statement (II) is correct. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	--	-----	------

Objective Question

94	794	<p>Given below are two statements:</p> <p>Statement (I) : Propagative viruses cannot multiply in their respective vectors.</p> <p>Statement (II): Non persistant viruses are generally stylet born.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> Both Statement (I) and Statement (II) are correct. Both Statement (I) and Statement (II) are incorrect. Statement (I) is correct but Statement (II) is incorrect. Statement (I) is incorrect but Statement (II) is correct. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
----	-----	---	-----	------

Objective Question

95	795		4.0	1.00
----	-----	--	-----	------

Given below are two statements:

Statement (I) : In non-persistent transmission, the ability to transmit is lost between molts.

Statement (II) : In persistent transmission, the ability to transmit is retained between molts.

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

96 796

4.0 1.00

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

List I	List II
(A) Tomato spotted wilt	(I) <i>Brevicoryne brassicae</i>
(B) Tomato yellow leaf curl	(II) <i>Hyloperonospora brassicae</i>
(C) Cauliflower mosaic	(III) <i>Frankliniella occidentalis</i>
(D) Downey mildew	(IV) <i>Bemisia tabaci</i>

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

97 797

4.0 1.00

Match List I with List II

List I	List II
(A) Beet curly top viruses	(I) Double-stranded DNA (ss DNA)
(B) Tomato spotted wilt virus	(II) Positive sense single-stranded RNA
(C) Tobacco mosaic virus	(III) Negative sense single-stranded RNA
(D) Cauliflower mosaic virus	(IV) Single-stranded DNA (ss DNA)

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

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (IV), (B) - (III), (C) - (II), (D) - (I)
- (A) - (II), (B) - (I), (C) - (III), (D) - (IV)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

98 798

4.0 1.00

Pseudo Curly Top disease of tomato is transmitted by

- Bemisia tabaci*
- Microtalis malleifera*
- Frankliniella occidentalis*
- Passalora fulva*

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

- (A) and (B) only.
- (A) and (C) only.
- (B) only
- (A) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

99 799

4.0 1.00

Virus transmission by whitefly is

- (A) Non-persistent type
- (B) Non-propagative- type
- (C) Persistent and circulative type
- (D) Semi-persistent type

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

1. (A) and (B) only.
2. (A) and (C) only.
3. (B) and (C) only.
4. (C) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

100 800

4.0 1.00

Vector of rice tungro virus

- (A) *Graminella nigrifrons*
- (B) *Nephotettix virescens*
- (C) *Nilaparvata lugens*
- (D) *Nephotettix cincticeps*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

101 801

4.0 1.00

In nematode taxonomy, the de Man's ratio c' is

1. body length / tail length
2. body length / oesophageal length
3. tail length / body width at anus
4. tail length / maximum body width

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

102 802

4.0 1.00

Identify the nematode genera based on the following characters-

Small to medium-sized (0.4–1.2 mm) ectoparasitic nematodes, females spirally coiled or rarely arcuate, cephalic region low or elevated, continuous or rarely offset, with or without annulation. Stylet robust, about three to four times maximum width of cephalic region. Both branches of female reproductive organs well developed and functional.

1. *Dorylaimus*
2. *Longidorus*
3. *Helicotylenchus*
4. *Pratylenchus*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

103 803

4.0 1.00

Given below are two statements:

Statement (I) : SSU rDNA is a good phylogenetic marker for elucidating species-level phylogenetic relationships within a genera.

Statement (II) : SSU rDNA phylogenetic marker is the most reliable and appropriate phylogenetic marker for nematode molecular taxonomy

In light of the above statements, choose the *most appropriate* 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 true but **Statement (II)** is false.
4. **Statement (I)** is false but **Statement (II)** is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

104 804

The most recent hybrid classification of Phylum Nematoda by De Ley and Blaxter in 2002 proposes

1. Two classes
2. Three classes
3. Four classes
4. Five classes

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

105 805

4.0 1.00

In India, as per the label claim, the nematicide Nimitz is recommended for the management of Root-knot nematodes in

1. Okra, tomato, cucumber
2. Tomato, guava, rice
3. Cucumber, tomato, rice
4. Okra, tomato, guava

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

106 806

The *Photorhabdus* symbiont bacterial cells are found in the entomopathogenic nematode *Heterorhabditis* IJs in/on the

1. Oral cavity
2. Intestine
3. Receptacle
4. Cuticle

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

107 807

In terms of foraging strategies, *Steinernema carpocapsae* is

1. Ambusher
2. Cruiser
3. Intermediate
4. Not known

A1 : 1

A2 : 2

A3 : 3

4.0 1.00

A4 : 4

Objective Question

108 808

4.0 1.00

Given below are two statements:

Statement (I) : It is impossible to manage plant parasitic nematodes in protected cultivation

Statement (II) : plant-parasitic nematodes build up in the soil in the protected cultivation systems repeatedly after the application of management interventions.

In light of the above statements, choose the *most appropriate* 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 true but **Statement (II)** is false.
4. **Statement (I)** is false but **Statement (II)** is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

109 809

4.0 1.00

For the management of rice root-knot nematode *Meloidogyne graminicola*, which of the following methods are more popular

1. Switching to a direct seeded rice system
2. Soil solarization
3. Seed and seedling treatment with chemical pesticides
4. Biological control agents

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

110 810

4.0 1.00

How many plant quarantine stations at different international airports, seaports and land frontiers are existing in India at present

1. 21
2. 52
3. 73
4. 89

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

111 811

4.0 1.00

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

List-I	List-II
(Book/Theory proposed/ Characteristic, etc.)	(Author/Thinker/ Name of Theory, etc.)
(A) Oak Tasar silk worm	(I) Jharkhand
(B) Muga silk worm	(II) Uttarakhand
(C) Mulberry silk worm	(III) Assam
(D) Tropical Tasar silk worm	(IV) Karnataka

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

112 812

4.0 1.00

CRC stands for

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

113 813

4.0 1.00

India is known for the rich fauna of the serigenous insects due to

- (A) *Samia ricini* and *Attacus atlas*
- (B) *Bombyx mori* and *Acteas selene*
- (C) *Philosamia ricini* and *Antheraea myllita*
- (D) *Antheraea proylei* and *A. frithi*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

114 814

4.0 1.00

Given below are two statements:

Statement (I) : *Megatrioza hirsuta* is a common insect pest of *Terminalia arjuna*

Statement (II) : *Megatrioza hirsuta* is a common insect pest of *Morus alba*

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

115 815

Given below are two statements:

Statement (I) : Shellac is a resin secreted by the female of lac insect on trees in the forests

Statement (II) : Shellac is composed of aleuritic acid, malic acid and shellolic acid

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

116 816

4.0 1.00

Given below are two statements:

Statement (I) : Lac cut from the host plant is called as “stick lac”

Statement II : Lac used for manufacturing purpose harvested after larval swarming has occurred, is “Phunki lac”.

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

117 817

The predatory fauna of lac insect in India is

- (A) *Eublemma amabilis* and *Holcocera pulverea*
- (B) *Upelmus tachardiae* and *Tetrasticus purpurens*
- (C) *Erencyrtus dewitzi* and *Tachardiaephagus tachardiae*
- (D) *Paraecthrodryinus clavicornis* and *Erencyrtus dewitzi*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

118 818

4.0 1.00

Classical biological control is one of the important tools for the management of invasive species, as per FAO's ISPM Number

1. ISPM # 2
2. ISPM # 3
3. ISPM # 4
4. ISPM # 7

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

119 819

4.0 1.00

Match List I with List II

List I	List II
(Book/Theory proposed/ Characteristic, etc.)	(Author/Thinker/ Name of Theory, etc.)
(A) <i>Telenomus remus</i>	(I) Mosquito larvae
(B) <i>Gambusia affinis</i>	(II) Giant African snail
(C) <i>Euglandina rosea</i>	(III) <i>Nomadacris septemfasciata</i>
(D) <i>Acridotheres tristis</i>	(IV) <i>Spodoptera frugiperda</i>

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

120 820

4.0 1.00

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

List I	List II
(Book/Theory proposed/Characteristic, etc.)	(Author/Thinker/Name of Theory, etc.)
(A) Silent spring	(I) DeBach Paul
(B) Biological control of insect pests and weeds	(II) Huffaker and Messenger
(C) Theory and practice of biological control	(III) Rachel carson
(D) Social Behaviour in Insects	(IV) Imms, A.D.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4