

PREVIEW QUESTION BANK

Module Name : Entomology - 06-ENG
Exam Date : 29-Jun-2024 Batch : 14:30-16:30

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	201	Movement of DNA from one bacterium to another through a tubular bridge or pilus: 1. Conjugation 2. Transposition 3. Transfection 4. Transduction A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
2	202	Which of the following is responsible for eliminating toxic oxygen by-products from cells? 1. Mitochondria 2. Golgi complex 3. Peroxisomes 4. Chloroplasts A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
3	203	A form of multiple parasitism in which a parasite preferentially attacks a host that is already parasitized by another species is known as 1. Cleptoparasitism 2. Ectoparasitoid 3. Obligate parasitism 4. Superparasitism A1 : 1	4.0	1.00

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
4	204	For mass multiplication of DD-136 nematode, the common host used is 1. Silk moth 2. Fruit sucking moth 3. Codling moth 4. Lesser wax moth A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
5	205	Chlorpyrifos methyl is effective against stored product insects except 1. <i>Rhizopertha dominica</i> 2. <i>Tribolium castaneum</i> 3. <i>Caryedon serratus</i> 4. <i>Oryzaephilus surinamensis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
6	206	Which of the following insects often cause inhalational allergies in human following large emergence of adult insects 1. Stick insects 2. May flies 3. Ear wigs 4. Preying mantis A1 : 1 A2 : 2	4.0	1.00

A3 : 3

A4 : 4

Objective Question

7 207

4.0 1.00

Given below are two statements:

Statement (I): Climate is a weather condition related to smaller areas at a given place and at a given time,

Statement (II): Weather is a condition of atmosphere at a given place and at a given time

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

8 208

4.0 1.00

The local name of cyclone in Phillippines is

1. Hurricane
2. Cyclone
3. Baquio
4. Typhoon

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

9 209

4.0 1.00

Which one of the following are secondary tillage implements?

- (A). Subsoiler
- (B). Cultivator
- (C). Disc harrow
- (D). Wetland plough

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

10 210

_____ is the most suitable, drought resistant and persistent grass?

- 1. *Alyosia sp.*
- 2. *Cenchrus ciliaris*
- 3. *Stylosanthes hamata*
- 4. *Sorghum bicolor*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

11 211

The rainfed area in India is approximately

- 1. 30 mha
- 2. 40 mha
- 3. 57 mha
- 4. 70 mha

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

12	212	Which nutrient is often a limiting factor in agricultural production? 1. Nitrogen 2. Carbon 3. Oxygen 4. Hydrogen A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-----	---	-----	------

Objective Question

13	213	What is a potential disadvantage of agroforestry systems? 1. Increased soil erosion 2. Decreased carbon sequestration 3. Reduced biodiversity 4. Enhanced susceptibility to pests A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-----	---	-----	------

Objective Question

14	214	Pungency in mustard oil is due to 1. Amino acid 2. Allyl isothiocyanate 3. Erusic acid 4. Oxalic acid A1 : 1 A2 : 2	4.0	1.00
----	-----	---	-----	------

		A3 : 3		
		A4 : 4		
Objective Question				
15	215	Sesamum belongs to the family 1. Chenopodiaceae 2. Papilionaceae 3. Leguminosae 4. Pedaliaceae A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
16	216	Dark period is critical in which type of plant? 1. Short day plant 2. Long day plant 3. Day neutral plant 4. All the options A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
17	217	Which of the following is NOT a significant contributor to greenhouse gas emissions from livestock farming? 1. Carbon dioxide 2. Methane 3. Nitrous oxide 4. Ammonia A1 : 1 A2 : 2 A3 : 3	4.0	1.00

A4 : 4

Objective Question

18	218	Fe deficiency is mostly seen in crops growing on 1. Calcareous or alkaline soils 2. Salt affected soils 3. Acidic soils 4. Neutral soils A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-----	--	-----	------

Objective Question

19	219	EDV (Essentially Derived Varieties) are those which are derived from: 1. crossing two commercially known varieties 2. hybrid introduced from other countries 3. existing variety through genetic engineering or mutation 4. crossing commercially known variety with its wild relative A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-----	--	-----	------

Objective Question

20	220	What is the role of "companion planting" in agriculture? 1. Enhancing soil fertility through crop rotation 2. Growing different crop species together to deter pests 3. Cultivating plants in hydroponic system 4. Increasing soil compaction through cover cropping A1 : 1 A2 : 2 A3 : 3	4.0	1.00
----	-----	--	-----	------

		A4 : 4		
Objective Question				
21	1201	The cell wall of oomycetes fungi is rich in 1. Chitin 2. Cellulose 3. Glycogen 4. Chitosan A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
22	1202	Given below are two statements: Statement I: <i>Candidatus phytoplasma</i> is a wall-less prokaryote Statement II: <i>Candidatus phytoplasma</i> colonize in plant phloem In light of the above statements, choose the <i>most appropriate</i> 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				
23	1203	Non-edible oyster mushroom is 1. <i>Pleurotus ostreatus</i> 2. <i>Pleurotus citrinopileatus</i> 3. <i>Pleurotus salmoneos</i> 4. <i>Pleurotus olearius</i> A1 : 1 A2 : 2	4.0	1.00

A3 : 3

A4 : 4

Objective Question

24	1204	The term "Pathovar" belonging to the taxonomy of plant pathogens is used for 1. Mycoplasma 2. Fungi 3. Nematodes 4. Bacteria A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	--	-----	------

Objective Question

25	1205	The black mould fungus of onion is 1. <i>Aspergillus niger</i> 2. <i>Aspergillus fumigatus</i> 3. <i>Aspergillus flavus</i> 4. <i>Aspergillus nidulans</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	--	-----	------

Objective Question

26	1206		4.0	1.00
----	------	--	-----	------

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

List-I	List-II
(A). <i>Nephotettix virescens</i>	(I). American dragon nematode
(B). <i>Xiphinema ammericanum</i>	(II). Bacterial wilt of cucurbits
(C). <i>Philaenus spumarius</i>	(III). Tungro disease of rice
(D). <i>Erwinia tracheiphila</i>	(IV). Meadow froghopper

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

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

27 1207

4.0 1.00

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

List-I	List-II
(A). Aphids	(I). Tospovirus
(B). Thrips	(II). Begomovirus
(C). Mealybugs	(III). Potyvirus
(D). Whiteflies	(IV). Badnavirus

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

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

28 1208

4.0 1.00

Given below are two statements:

Statement (I): Mg^{2+} ion is important for the preservation of structural integrity of viruses during isolation.

Statement (II): Ascorbic acid is important for the preservation of infectivity of viruses.

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

29 1209

4.0 1.00

What is true for *Clavibacter xyli* subsp. *xyli*?

- (A). Ratoon stunting disease of sugarcane
- (B). Gram-negative
- (C). Pleomorphic rods
- (D). Cells are motile

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

30	1210	What is the correct sequence of producing different structures by a germinating fungal conidium? (A). Penetration peg (B). Haustorium (C). Germ tube (D). Appressorium Choose the correct answer from the options given below: 1. (D), (C), (A), (B). 2. (C), (D), (A), (B). 3. (C), (A), (D), (B). 4. (A), (C), (B), (D). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	---	-----	------

Objective Question

31	1211	Given below are two statements: Statement (I): Phaseolotoxin produced by <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> disrupts apical dominance Statement (II): Phaseolotoxin also increases the accumulation of amino acid ornithine. In light of the above statements, choose the <i>most appropriate</i> 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	4.0	1.00
----	------	--	-----	------

Objective Question

32	1212		4.0	1.00
----	------	--	-----	------

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

List-I	List-II
(A). Panama disease of Banana	(I). Fungicidal spray
(B). Sigatoka disease of Banana	(II). Domestic Quarantine
(C). Moko disease of Banana	(III). Flood fallowing
(D). Bunchy top of Banana	(IV). Clean planting material

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

33 1213

What is true for the Yellow Vein Mosaic virus of okra?

- (A). Transmitted by whitefly
- (B). Vein clearing
- (C). Sap transmissible
- (D). Infected plants are severely stunted

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).
4. (B) and (C) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

34	I214	Which of the following fungal pathogens produces pycnidiospores? 1. <i>Pyrenophora avenae</i> 2. <i>Cercospora apii</i> 3. <i>Dreschlera maydis</i> 4. <i>Ascochyta pisi</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	--	-----	------

Objective Question

35	I215	In which year first plant parasitic nematode was recorded? 1. 1746 2. 1747 3. 1762 4. 1743 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	--	-----	------

Objective Question

36	I216	Which of the following nematode has "cephalic setae"? (A). <i>Atylenchus</i> (B). <i>Tylenchus</i> (C). <i>Eutylenchus</i> (D). <i>Malenchus</i> Choose the correct answer from the options given below: 1. (A), and (C) only. 2. (A), (B) and (D) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. A1 : 1	4.0	1.00
----	------	--	-----	------

A2 : 2

A3 : 3

A4 : 4

Objective Question

37	1217	Given below are two statements: Statement (I): <i>Tylenchulus semipenetrans</i> secrete 'Gelatinous matrix' through excretory pore Statement (II): <i>Tylenchulus semipenetrans</i> secrete 'Gelatinous matrix' through caudal glands In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. - 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. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	--	-----	------

Objective Question

38	1218	Who made first ever report of plant parasitic nematodes in India? - Das - Siddiqi - Dasgupta - Barber A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	---	-----	------

Objective Question

39	1219	Which of the following cyst nematode is not occurring in India? <i>Heterodera zeae</i> <i>Heterodera glycines</i> <i>Heterodera moths</i> <i>Heterodera avenae</i>	4.0	1.00
----	------	--	-----	------

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

40 1220

4.0 1.00

Given below are two statements:

Statement (I): Hypodermal cells are responsible for the turgescence of nematode body

Statement (II): Pseudocoelomic fluid is responsible for the turgescence of nematode body

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

41 1221

4.0 1.00

Which one is type species *Meloidogyne* ?

1. *M. arenaria*
2. *M. hapla*
3. *M. exigua*
4. *M. chitwoodi*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

42 1222

4.0 1.00

Given below are two statements:

Statement (I): Nematodes show hexaradial symmetry in lip region

Statement (II): Nematodes show triradial symmetry in oesophagus

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

43 1223

4.0 1.00

Given below are two statements:

Statement (I): Pseudocoelom contains reproductive system of nematodes

Statement (II): Pseudocoelom contains nervous system of nematodes

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

44 1224

4.0 1.00

Given below are two statements:

Statement (I): Banana cultivar 'Yangambi Km5' is not resistant to *Pratylenchus goodeyi*

Statement (II): Banana cultivar 'Yangambi Km5' is resistant to *Radopholus similis*

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	1225	What is the pore aperture size of 350 meshes/inch sieve? 1. 43µm 2. 45µm 3. 53µm 4. 38µm A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	--	-----	------

Objective Question

46	1226	Which of the following determines the selection of host plant in insects by test biting and ovipositional probing? 1. Host finding 2. Host recognition 3. Host acceptance 4. Host suitability A1 : 1 A2 : 2 A3 : 3	4.0	1.00
----	------	---	-----	------

		A4 : 4		
Objective Question				
47	1227	Given below are two statements: Statement (I): <i>Phthorimoea operculella</i> feeds on the potato tubers hidden in the soil Statement (II): <i>Phthorimoea operculella</i> feeds on the potato tubers exposed from the soil In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. - 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. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
48	1228	Given below are two statements: Statement (I): <i>Passer domesticus</i> is an omnivorous bird that needs conservation Statement (II): Blue bull, popularly known as "Neel Gaai" is a member of the cow family In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. - 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. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
49	1229		4.0	1.00

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

List-I	List-II
(A). Arthropodin	(I). Tectocuticle
(B). Cement layer	(II). Zone beneath the wax layer
(C). <i>Pavo cristatus</i>	(III). Wild boar
(D). <i>Sus scrofa</i>	(IV). Peacock

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

50 1230

The cigarette beetle, *Lasioderma sericorne* feeds normally on

- Pyrethrum and tobacco
- Meat and fish meal
- Cocoa beans and peanuts
- Tapioca and yam

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

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

A1 : 1

A2 : 2

A3 : 3

4.0 1.00

		A4 : 4		
Objective Question				
51	1231	Given below are two statements: Statement (I): The term " Gamergate" is referred to the mated workers of Ponerinae Statement (II): The term "Gamergate" is referred to the mated workers of Formicinae In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. - 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. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
52	1232	In India, Trichogrammatids are mass produced on the eggs of (A). <i>Sitotroga cerealella</i> (B). <i>Corcyra cephalonica</i> (C). <i>Bombyx mori</i> (D). <i>Cadra cautella</i> Choose the correct answer from the options given below: (A) and (B) only. (B) and (D) only. (A) and (D) only. (B) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
53	1233		4.0	1.00

The arachnids associated with corpses in forensic sciences belong to

1. *Tetranychus*
2. *Eryophyes*
3. *Demodex*
4. *Otobius*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

54 1234

Given below are two statements:

Statement (I): Eggs of *Chilo partellus* are laid in patches on maize plant

Statement (II): Eggs of *Sesamia inferens* are parasitized by Scelionids

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

55 1235

4.0 1.00

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

List-I	List-II
(A). Brown soft scale	(I). <i>Parasaissetia</i>
(B). Black scale	(II). <i>Ceroplastes</i>
(C). Yellowish white soft scale	(III). <i>Saissetia</i>
(D). Choclaty nymphs, females with white mealy substance	(IV). <i>Coccus</i>

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

56 1236

The lady bird beetle that predominantly feeds on plant leaves is

- Adonia variegata*
- Epilechna vigintioctopunctata*
- Illeis cincta*
- Propylea dissecta*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

57 1237

4.0 1.00

Given below are two statements:

Statement (I): *Brevicoryne brassicae* adults are yellowish green with waxy filaments over the body

Statement (II): *Myzus persicae* adults are egg shaped with smooth and pointed abdomen

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

58	1238		4.0	1.00
The insects which infests cotton are (A). <i>Lipaphis erysimi</i> (B). <i>Aphis gossypii</i> (C). <i>Phenacoccus solenopsis</i> (D). <i>Aphis craccivora</i> Choose the correct answer from the options given below: 1. (A) and (B) only. 2. (B) and (C) only. 3. (C) and (D) only. 4. (A) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4				

Objective Question

59	1239		4.0	1.00

Given below are two statements:

Statement (I): The trophic level refers to the organism's position in the food chain

Statement (II): The word trophic is derived from the Spanish, meaning to food

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

60 1240

4.0 1.00

Given below are two statements:

Statement (I): Ecdysis is also known as apolysis.

Statement (II): Chelicerae are the inner portion of mouth parts of termite soldiers

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

61 1241

4.0 1.00

Given below are two statements:

Statement (I): Mulberry is a monoecious tree

Statement (II): High temprature favours maleness in mulberry trees

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

62	1242	Given below are two statements: Statement (I): Rosetting of mulberry leaves is known as Tukra disease Statement (II): Tukra disease in mulberry is caused by whiteflies In light of the above statements, choose the <i>most appropriate</i> 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

63	1243		4.0	1.00
----	------	--	-----	------

Which of the following soil conditions are appropriate for mulberry cultivation?

- (A). Well drained black soils
- (B). Claye to loamy soils
- (C). Porus with good water holding potential
- (D). Flat, deep and fertile soil

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

64 1244

4.0 1.00

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

List-I	List-II
(A). Water pH 2.0	(I). Alkaline
(B). Water pH 6.0	(II). Neutral
(C). Water pH 7.0	(III). Highly acidic
(D). Water pH 9.0	(IV). Moderately acidic

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

65	1245	Which of the following states is referred by some people sometime as "Milk and Silk grow together"? 1. Tamilnadu 2. Jharkhand 3. Odisha 4. Karnataka A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	--	-----	------

Objective Question

66	1246	Which of the followings are multivoltine ? (A). <i>Bombyx mori</i> (B). <i>Antheraea mylitta</i> (C). <i>Philosamia ricini</i> (D). <i>Antheraea assamensis</i> Choose the correct answer from the options given below: 1. (A) and (C) only. 2. (A) and (D) only. 3. (B) and (C). only 4. (A), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	--	-----	------

Objective Question

67	1247		4.0	1.00
----	------	--	-----	------

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

List-I	List-II
(A). CTRTI	(I). Tamil Nadu
(B). CMERTI	(II). Jharkhand
(C). CSRTI	(III). Assam
(D). CSGRC	(IV). Karnataka

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

68	1248	Which of the followings is the smallest in adult size? 1. <i>Philosamia ricini</i> 2. <i>Antheraea mylitta</i> 3. <i>Bombyx mori</i> 4. <i>Antheraea assamensis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	------	---	-----	------

Objective Question

69	1249		4.0	1.00
----	------	--	-----	------

The most destructive pest for sericulture is

1. Uzifly
2. Pebrine
3. NPV
4. CPV

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

70 1250

4.0 1.00

The most destructive natural enemy of silk worm cocoon is

1. *Stegobium*
2. *Dermestes*
3. *Tribolium*
4. *Lasioderma*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

71 1000351

4.0 1.00

Given below are two statements:

Statement (I): The orders Dictyoptera and Isoptera come under orthopteroid group

Statement (II): The orders Siphonaptera and Neuroptera come under Panorpoid complex

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				
72	1000352	Given below are two statements: Statement (I): Grooming legs are presents in mosquitoes Statement (II): Preening organ is absent in honeybees In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. - 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. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
73	1000353	Acone ommatidia are present in (A). Hemiptera (B). Dermaptera (C). Siphunculata (D). Siphonaptera Choose the correct answer from the options given below: (A) only. (B) only. (A) and (B) (C) and (D) A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
74	1000354		4.0	1.00

Acrotrophic ovarioles are present in

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

75 1000355

4.0 1.00

Match the following insects with their wing coupling mechanisms

List-I	List-II
A. Cold hardiness	I. Delayed voltine
B. Photo period	II. Migration
C. Seasonal adaptation	III. Token stimuli
D. Seasonal cycle	IV. Supercooling

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

76 1000356

4.0 1.00

Keratin digesting insect groups are

- (A). Birdlice
- (B). Carpet beetle
- (C). Termite
- (D). Glossina

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

77 1000357

4.0 1.00

Which of the following is pregenital appendage?

- 1. Periphallic organ
- 2. Phallobase
- 3. Collophore
- 4. Aedeagus

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

78 1000358

4.0 1.00

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

List-I	List-II
A. Simple spiracle	I. Thrips
B. Atriate spiracle	II. Ants
C. Bichambered spiracles	III. Bristle tails
D. Biferous spiracles	IV. Beetles

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

79 1000359

4.0 1.00

Given below are two statements:

Statement (I): Plasmotocytes are in spindle form

Statement (II): Proleucocytes are spiral in shape

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

80 1000360

4.0 1.00

Sub-genual organ of mechano receptor is located at

1. Coxa
2. Trochanter
3. Tibia
4. Tarsus

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

81 1000361

4.0 1.00

Match the following - match the wing beat frequency of the following insects

List-I	List-II
A. Dragonflies	I. 500/sec
B. Honeybees	II. 330/sec
C. Mosquitoes	III. 30/sec
D. Housefly	IV. 190/sec

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

82 1000362

4.0 1.00

Given below are two statements:

Statement (I): Net sweeping sampling method is not suitable for grasshoppers

Statement (II): Adhesive traps are useful in aphid migration studies

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

83	1000363	Given below are two statements: Statement (I): <i>Lepisma</i> (Thysanura) males deposit spermatophores on the ground in the presence of females Statement (II): Collembola males deposit spermatophores on the ground independently of the females In light of the above statements, choose the <i>most appropriate</i> 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

84	1000364	Alienicolae is a stage in alternation of generation in 1. Aphids 2. Thrips 3. Mites 4. Jassids A1 : 1	4.0	1.00
----	---------	--	-----	------

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
85	1000365	Gause's principle is applied in the field of 1. Cultural control 2. Biological control 3. Legal control 4. Chemical control A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
86	1000366	First example of transgenic natural enemy is the introduction of marker gene into 1. The predatory mite, <i>Metaseiulus occidentalis</i> 2. The predatory thrips, <i>Franklinothrips vespiformis</i> 3. The egg parasitoid, <i>Trichogramma chilonis</i> 4. The aphid parasitoid, <i>Aphelinus mali</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
87	1000367	Which of the following is a metallic storage structure ? 1. Hapur bin 2. Pusa bin 3. Pucca bin 4. Pucca kothi A1 : 1 A2 : 2	4.0	1.00

		A3 : 3		
		A4 : 4		
Objective Question				
88	1000368	Which of the following is a larval parasitoid? 1. <i>Stenobracon nicevillei</i> 2. <i>Telenomus beneficiens</i> 3. <i>Encarsia isacci</i> 4. <i>Chelonus blackburni</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
89	1000369	Which of the following is a masked hunter on stored product pests? 1. <i>Orius tristicolor</i> 2. <i>Reduvius delicatus</i> 3. <i>Geocoris ochropterus</i> 4. <i>Leptogaster cylindrica</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
90	1000370	Which of the following adult is not damaging the stored grain? (A).Khapra beetle (B).Pulse beetle (C).Paddy borer beetle (D).Rice weevil Choose the correct answer from the options given below: 1. (A) only. 2. (B) only. 3. (A) and (B) 4. (C) and (D)	4.0	1.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

91 1000371

4.0 1.00

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

List-I	List-II
(Invasive pest)	(Year of introduction in India)
(A). <i>Spodoptera frugiperda</i>	(I). 2016
(B). <i>Phenacoccus solenopsis</i>	(II). 2018
(C). <i>Tuta absoluta</i>	(III). 2014
(D). <i>Aleurodicus rugioperculatus</i>	(IV). 2006

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

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

92 1000372

4.0 1.00

The key regulatory authority of India that has established stringent guidelines for use of drones in agriculture is:

- Airport Authority of India
- Directorate General of Civil Aviation |
- Drone Flying Authority of India
- Directorate of Drone Flying

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

93	1000373	The Authority in India that approves the label claim of pesticides for use in pest management is 1. Directorate of Plant Protection, Quarantine and Storate 2. Indian Council of Agricultural Research 3. National Institute of Plant Health Management 4. Central Insecticides Board and Registration Committee A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	--	-----	------

Objective Question

94	1000374	The only pest that has developed a resistance against Bt cotton in India is 1. <i>Helicoverpa armigera</i> 2. <i>Spodoptera litura</i> 3. <i>Pectinophora gossypiella</i> 4. <i>Earias vittella</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

95	1000375	Dead heart symptoms in rice are caused by which of the following pest? 1. <i>Nilaparvata lugens</i> 2. <i>Scirpophaga incertulas</i> 3. <i>Dicladispa armigera</i> 4. <i>Mythimna separata</i> A1 : 1 A2 : 2	4.0	1.00
----	---------	--	-----	------

A3 : 3

A4 : 4

Objective Question

96	1000376	A semiochemical emitted by an organism, which mediates interspecific interactions in a way that benefits an individual of another species that receives it and harms the emitter is called as 1. Allomone 2. Synomone 3. Pheromone 4. Kairomone A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

97	1000377	The high volume sprayer requires a spray volume of 1. Upto 5 L/ha 2. 5-10 L/ha 3. 10-400 L/ha 4. >400 L/ha A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

98	1000378	Which one of the following is a definition of IPM given by FAO 1. Intelligent selection and use of pest control actions that will ensure favourable economic and ecological consequences 2. A pest management system in the context of associated environment and population dynamics of a pest species, utilizes all the pest control actions in as compatible manner as possible and maintains the pest populations at levels below those causing Economic damage 3. IPM is a combination of all available pest control method Is like cultural, mechanical, physical, biolocal, behavioural and chemical for controlling the pests 4. IPM is a pest management system that aims a complete elimination of a species to the extinction	4.0	1.00
----	---------	--	-----	------

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

99	1000379	The most important parasitoid of the mealybug <i>Phenacoccus solenopsis</i> is 1. <i>Anagyrus dactylopii</i> 2. <i>Aenasius arizonensis</i> 3. <i>Encarsia formosa</i> 4. <i>Paracoccus marginatus</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	--	-----	------

Objective Question

100	1000380	Which of following pest that attacks sorghum crop during early seedling stage i.e. maximum upto 4-5 weeks from germination? 1. <i>Chilo partellus</i> 2. <i>Atherigona soccata</i> 3. <i>Contarinia sorghicola</i> 4. <i>Aphis sacharii</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	---	-----	------

Objective Question

101	1000381		4.0	1.00
-----	---------	--	-----	------

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

List-I	List-II
Insect vector	virus disease transmitted
(A). <i>Bemisia tabaci</i>	(I). Bunchy top of banana
(B). <i>Myzus persicae</i>	(II). Citrus tristeza
(C). <i>Pentalonia nigronervosa</i>	(III). Okra yellow vein mosaic
(D). <i>Toxoptera aurantii</i>	(IV). Papaya mosaic

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

102	1000382	Based on moth trap catches in pheromone traps, the ETL for cotton pink bollworm is	4.0	1.00
		15 moths per trap per day for 3 consecutive days 10 moths per trap per day for 3 consecutive days 8 moths per trap per day for 3 consecutive days 5 moths per trap per day for 3 consecutive days		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

103	1000383		4.0	1.00
-----	---------	--	-----	------

The scientific name of brinjal fruit and shoot borer is

1. *Chilo partellus*
2. *Earias insulana*
3. *Leucinodes orbonalis*
4. *Scelodonta strigicollis*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

104 1000384

4.0 1.00

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

List-I	List -II
Insect pest	Sites of pupation
(A). <i>Scirphophaga excerptalis</i>	(I). In leaf mines
(B). <i>Aproaerema modicella</i>	(II). In soil
(C). <i>Eudocima fullonica</i>	(III). Inside stem in larval tunnels
(D). <i>Deudorix isocrates</i>	(IV). Inside the damaged fruits

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

105 1000385

4.0 1.00

As a preventive measure for pest control, the moisture content of grains before storage should be reduced below.....

1. 14-15%
2. 12-14%
3. 8-10%
4. 16-20%

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

106 1000386

Pheromone traps are used in pest management for

- (A). Monitoring
- (B). Mass trapping
- (C). Mating disruption
- (D). Making pest management decisions

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

107 1000387

A sex pheromone is a semiochemical which elicits the behavioral response in another individual of

1. Different species
2. Same species
3. Opposite sex of different species
4. Opposite sex of same species

A1 : 1

A2 : 2

4.0 1.00

		A3 : 3		
		A4 : 4		

Objective Question

108	1000388	Autecology deals with the study of interrelations between its environment and which one of the following factors 1. Individual species 2. Many different species 3. Community 4. Population A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	---	-----	------

Objective Question

109	1000389	Cantharidin is a yellow coloured acidic secretion of 1. Flea beetles 2. Pumpkin beetles 3. Grasshoppers 4. Blister beetles A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	--	-----	------

Objective Question

110	1000390		4.0	1.00
-----	---------	--	-----	------

According to the basic principles of IPM, for a pest control action to be profitable the benefit : cost ratio should be

- (A). Less than 1
- (B). Equal to one
- (C). Greater than one
- (D). Greater than 0.5

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

111 1000391

4.0 1.00

Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Indian uzi fly (*Exorista sorbillans*) is a multivoltine species and, as adults they feed on nectar of flowers and honey dew secreted by sucking pests.

Reason (R) : As a management practice against uzi fly use of nylon mesh around rearing stand and paper coated with Vaseline or insecticide recommended.

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.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

112 1000392

4.0 1.00

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

List-I	List-II
(Diseases)	(Vector)
(A). Cucumber green mottle virus	(I). <i>Sogatella furcifera</i>
(B). Fijivirus	(II). <i>Diaphorina citri</i>
(C). Bhindi yellow vein mosaic virus (BYVMV)	(III). <i>Raphidopalpa foveicollis</i>
(D). Citrus greening	(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) - (III), (D) - (IV)
3. (A) - (III), (B) - (I), (C) - (IV), (D) - (II)
4. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

113	1000393	Which virus transmitted by Aphid requires helper virus for transmission	4.0	1.00
1. Potyvirus 2. Carlavirus 3. Potexvirus 4. Closterovirus				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

114	1000394		4.0	1.00
-----	---------	--	-----	------

Following pests causes "dead hearts" symptom in the host

(A). *Bactrocera cucurbitae*

(B). *Leucinodes orbonalis*

(C). *Urentius hystricellus*

(D). *Scirpophaga incertulus*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

115 1000395

The following weed killer reduced the lantana weed in the hill plantations but also attacked cultivated crops

(A). *Opuntia dillenii*

(B). *Orthezia insignis*

(C). *Dactylopius tomentosus*

(D). *Neochetina eichhorniae*

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

1. (A) only.
2. (B) 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

116 1000396

4.0 1.00

Given below are two statements:

Statement (I): Honey bees have a system of sex determination called haplodiploidy.

Statement (II): The rock bee, *Apis dorsata* nests are open multiple combs

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

117	1000397	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : In lac cultivation after emergence of lac larvae from brood lac phunki bundles have to be removed from trees. Reason (R) : This will reduce the incidence for predators and parasitoids to new lac crop. In light of the above statements, choose the <i>correct</i> 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. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	---	-----	------

Objective Question

118	1000398		4.0	1.00
-----	---------	--	-----	------

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

List I	List II
A. Microsporidian	I. Grasserie
B. Baculovirus	II. Pebrine
C. Syndrome caused by multiple organisms	III. Muscardine
D. Fungi	IV. Flatcheri

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

119 1000399

Given below are two statements:

Statement (I): Of all the insect orders, the insects with sucking mouthparts are generally responsible for the production of phytotoxemia.

Statement (II): Of all the insect orders, the insects with biting mouthparts are generally responsible for the production of phytotoxemia.

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

- 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.

A1 : 1

A2 : 2

A3 : 3

4.0 1.00

		A4 : 4		
Objective Question				
120	1000400	For insect behavioral choice experiments which of the following analysis is best suited 1. Regression analysis 2. Principal component analysis 3. Probit analysis 4. χ^2 (chi-squared) test for independence A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00