

PREVIEW QUESTION BANK

Module Name : Nematology - 05-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:

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

50 1230

4.0 1.00

The cigarette beetle, *Lasioderma sericorne* feeds normally on

- (A). Pyrethrum and tobacco
- (B). Meat and fish meal
- (C). Cocoa beans and peanuts
- (D). Tapioca and yam

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

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

A1 : 1

A2 : 2

A3 : 3

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

4.0 1.00

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 *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

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:

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

68 1248

Which of the followings is the smallest in adult size?

- Philosamia ricini*
- Antheraea mylitta*
- Bombyx mori*
- Antheraea assamensis*

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	The most destructive natural enemy of silk worm cocoon is 1. <i>Stegobium</i> 2. <i>Dermestes</i> 3. <i>Tribolium</i> 4. <i>Lasioderma</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
71	1000301	In which year NEMATOLOGICA was started 1. 1958 2. 1959 3. 1961 4. 1968 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
72	1000302		4.0	1.00

In which country N.A. Cobb, the father of Nematology was born?

1. Australia
2. United Kingdom
3. USA
4. Germany

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

73 1000303

4.0 1.00

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

List-I	List-II
(A). Bursa absent	(I). <i>Dolichodorus</i>
(B). Bursa lobed	(II). <i>Eutylenchus</i>
(C). Bursa trilobed	(III). <i>Atylenchus</i>
(D). Bursa covering complete tail	(IV). <i>Tylenchorhynchus</i>

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

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

74 1000304

4.0 1.00

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

List-I	List-II
(A). Foliar nematode	(I). <i>Hirschmanniella oryzae</i>
(B). Burrowing nematode	(II). <i>Hemicycliophora</i>
(C). Rice root nematode	(III). <i>Aphelenchoides ritzemabosi</i>
(D). Sheath nematode	(IV). <i>Radopholus similis</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) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

75 1000305

4.0 1.00

Given below are two statements:

Statement (I): *Heterodera avenae* prefers well drained soilStatement (II): *Heterodera avenae* prefers wet soilIn 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

A4 : 4

Objective Question

76 1000306

4.0 1.00

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

List-I	List-II
(A). <i>Steinernema</i>	(I). Mermithida
(B). <i>Rhadinaphelenchus</i>	(II). Aphelenchida
(C). <i>Deladenus</i>	(III). Rhabditida
(D). <i>Mermis</i>	(IV). Tylenchida

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

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

77	1000307	What is the pore size in 300 mesh sieve?	4.0	1.00
		53μ 48μ 38μ 45μ		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

78	1000308		4.0	1.00
----	---------	--	-----	------

In which of the following nematode mucronate tail is present?

1. *Aphelenchus*
2. *Ditylenchus*
3. *Hirschmanniella*
4. *Psilenchus*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

79 1000309

Which of the following nematodes are predatory?

- (A). *Seinura*
- (B). *Mononchus*
- (C). *Dorylaimus*
- (D). *Mononchoides*

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

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

80 1000310

How many oesophageal glands are present in *Hoplolaimus*?

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

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

81 1000311

4.0 1.00

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

List-I	List-II
(A). Thionazin	(I). Vydate
(B). Aldicarb	(II). Furdan
(C). Oxamyle	(III). Nemaphos
(D). Carbofuran	(IV). Temik

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

82 1000312

4.0 1.00

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

List-I	List-II
(A). Coconut	(I). <i>Anguina radicicola</i>
(B). Barley	(II). <i>Bursaphelenchus cocophilus</i>
(C). Taro	(III). <i>Hirschmanniella miticauta</i>
(D). Walnut	(IV). <i>Cocopaurus pestis</i>

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

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

83 1000313

Which of the following nematodes are virus vector?

- (A). *Longidorus*
- (B). *Xiphinema*
- (C). *Trichodorus*
- (D). *Paratrichodorus*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

84	1000314	What is the main characteristic of Ufra-I caused by <i>Ditylenchus angustus</i> in rice? 1. Panicle fails to emerge 2. Partial emergence of panicle 3. Complete emergence of panicle 4. Plants wilted A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

85

1000315

4.0

1.00

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

List-I	List-II
(A). <i>Steinernema carpocapsae</i>	(I). <i>Photorhabdus luminescens</i>
(B). <i>Steinernema feltiae</i>	(II). <i>Xinorhabdus bovienii</i>
(C). <i>Steinernema glaseri</i>	(III). <i>Xinorhabdus poinarii</i>
(D). <i>Heterorhabditis</i> sp.	(IV). <i>Xinorhabdus nematophilus</i>

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) - (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

86	1000316		4.0	1.00
----	---------	--	-----	------

Given below are two statements:

Statement (I): Sexual dimorphism occurs in *Anguina tritici*

Statement (II): No sexual dimorphism occurs in *Anguina tritici*

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

87	1000317	Given below are two statements: Statement (I): Foliar nematodes, <i>Aphelenchoides fragariae</i> feed as ectoparasitically as well as endoparasitically Statement (II): Foliar nematodes, <i>Aphelenchoides fragariae</i> feed as ectoparasitically only 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

88	1000318	How many years stem and bulb nematode can survive under quiescence stage? 1. 23 2. 32 3. 7 4. 19 A1 : 1	4.0	1.00
----	---------	--	-----	------

A2 : 2

A3 : 3

A4 : 4

Objective Question

89	1000319	In which year first record on the involvement of nematodes in disease complex was reported? 1. 1898 2. 1895 3. 1902 4. 1892 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

90	1000320	Given below are two statements: Statement (I): Tomato variety Hisal Lalit is resistant to reniform nematode Statement (II): Tomato variety Hisal Lalit is resistant to root-knot nematodes 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

91	1000321		4.0	1.00
----	---------	--	-----	------

Given below are two statements:

Statement (I): Presence of *Meloidogyne* increase bacterial wilt of carnation

Statement (II): Presence of *Helicotylenchus* increase bacterial wilt of carnation

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

92	1000322	Which of the following bacteria is carried by <i>Anguina tritici</i>? 1. <i>Clavibacter toxicus</i> 2. <i>Clavibacter fascians</i> 3. <i>Clavibacter tritici</i> 4. <i>Agrobacterium tumefaciens</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	--	-----	------

Objective Question

93	1000323	Given below are two statements: Statement (I): 3rd and 4th stage juveniles of cyst nematodes are without stylet Statement (II): 3rd and 4th stage juveniles of cyst nematodes are with stylet 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	4.0	1.00
----	---------	--	-----	------

A2 : 2

A3 : 3

A4 : 4

Objective Question

94	1000324	Which of the following is/are quarantine pest in India? (A). <i>Ditylenchus dipsaci</i> (B). <i>Ditylenchus destructor</i> (C). <i>Ditylenchus angustus</i> (D). <i>Ditylenchus composticola</i> Choose the correct answer from the options given below: 1. (A) and (B) only. 2. (A), (B) and (D) 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

95	1000325	Given below are two statements: Statement (I): Odontophore of <i>Longidorus</i> bears basal flanges Statement (II): Odontophore of <i>Longidorus</i> does not bear basal flanges 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

96	1000326	Cherry rosette virus is transmitted in association with 1. <i>Longidorus arthensis</i> 2. <i>Paratrichodorus minor</i> 3. <i>Trichodorus viruliferus</i> 4. <i>Xiphinema basiri</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

97	1000327	Given below are two statements: Statement (I): Citrus race of <i>Radopholus similis</i> parasitize on citrus but not on banana Statement (II): The citrus race that is confined to Florida is recognized as <i>Radopholus citrophilus</i>. 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

98	1000328	The necrotic lesions produced in bananas by <i>Helicotylenchus multicinctus</i> differ from <i>Radopholus similis</i> in 1. Type of cells they infect 2. Size and depth 3. No difference in the lesions 4. Completely different symptoms A1 : 1 A2 : 2 A3 : 3	4.0	1.00
----	---------	--	-----	------

A4 : 4

Objective Question

99	1000329	The feeding sites produced by <i>Tylenchulus semipenetrans</i> are 1. Cortical cell, single cell, uninucleate 2. Cortical cell, single cell, multinucleate 3. Cortical cell, multicellular, uninucleate 4. Cortical cell, multicellular, multinucleate A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

100	1000330	The nematode that is able to feed on the underground plant part during storage 1. <i>Radopholus similis</i> 2. <i>Globodera rostochiensis</i> 3. <i>Ditylenchus dipsaci</i> 4. <i>Scutellonema bradys</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	--	-----	------

Objective Question

101	1000331		4.0	1.00
-----	---------	--	-----	------

Match List-I with List-II

List-I	List-II
Common name	Scientific name
(A). Reniform nematode	(I). <i>Tylenchulus semipenetrans</i>
(B). Burrowing nematode	(II). <i>Rotylenchulus reniformis</i>
(C). Citrus nematode	(III). <i>Radopholus similis</i>
(D). Stunt nematode	(IV). <i>Trichodorus allius</i>
(E). Stubby nematode	(V). <i>Tylenchorynchus brassicae</i>

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

102	1000332	Which of the following is a nematode of quarantine importance for sugar beet	4.0	1.00
		<i>H. glycines</i> <i>H. schachtii</i> <i>H. geottingiana</i> <i>H. humuli</i>		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

103	1000333		4.0	1.00
-----	---------	--	-----	------

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

Assertion (A) : Quarantine refers to a government regulatory action to prevent introduction of plant pathogens or pests into a geographical area/country

Reason (R) : The movement of infected planting material is restricted to prevent the introduction of pathogen/pests to the uninfected areas

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

104	1000334	<i>Aphelenchoides besseyi</i> infected rice seeds can be treated using 1. Hot water at 44°C for 60 min 2. Hot water at 30°C for 120 min 3. Hot water at 47.8 °C for 15 min 4. Hot water at 50°C for 10 min A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	--	-----	------

Objective Question

105	1000335	Nematodes lack 1. Respiratory and excretory system 2. Reproductive and excretory system 3. Reproductive and circulatory system 4. Respiratory and circulatory system A1 : 1 A2 : 2 A3 : 3	4.0	1.00
-----	---------	--	-----	------

A4 : 4

Objective Question

106	1000336	Which description of the nematodes is not true? 1. Bilaterally symmetrical 2. Pseudocoelomate 3. Microscopic 4. Triploblastic A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	---	-----	------

Objective Question

107	1000337	In some nematode genera, intrauterine birth causing maternal death is also known as 1. Ovovivipary 2. Vivipary 3. Endotokia matricida 4. Matricida cassida A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	--	-----	------

Objective Question

108	1000338	The developmental stage in which the early embryo consists of an open mouthed sac-like body with a wall of two layer of cells is called as 1. Blastula 2. Mesoderm 3. Rhomboidal stage 4. Gastrula A1 : 1 A2 : 2 A3 : 3	4.0	1.00
-----	---------	--	-----	------

A4 : 4

Objective Question

109 1000339

4.0

1.00

Chloropicrin is an example of

1. Nerve poisons
2. Protoplasmic poisons
3. Respiratory poisons
4. Physical poisons

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

110 1000340

4.0

1.00

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

List-I	List-II
Characteristic	Species name
(A). Sticky branches	(I). <i>Arthrobotrys candida</i>
(B). Sticky networks	(II). <i>Arthrobotrys dactyloides</i>
(C). Sticky knobs	(III). <i>Theratomyxa weberi</i>
(D). Constricting rings	(IV). <i>Arthrobotrys oligospora</i>
(E). Predacious protozoa	(V). <i>Dactylella oviparasitica</i>

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

111	1000341	Sexual reproduction is also known as 1. Automixis 2. Amixis 3. Amphimixis 4. Apomixis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	---	-----	------

Objective Question

112	1000342	Principal structural component of nematode cuticle is 1. Collagen 2. Chitin 3. Cuticulin 4. Glycolipids A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	---	-----	------

Objective Question

113	1000343	Given below are two statements: Statement (I): Aurovertin-like metabolites are nematotoxins produced by <i>Pochonia chlamydosporia</i> Statement (II): <i>Pasteuria penetrans</i> is a non-endospore-forming bacteria 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				
114	1000344	What dosage of <i>Purpureocillium lilacinum</i> (cfu = 2×10^6/g) is recommended for treating the seeds of tomato to protect from root-knot nematodes (<i>Meloidoyne incognita</i>) before sowing them in a polyhouse ? 1g/ kg seed 10g/ kg seed 100g/ kg seed 0.1kg/ kg seed A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
115	1000345	The total genome size of <i>Caenorhabditis elegans</i> is approximately 19.7×10^6 bp 19.7×10^9 bp 100×10^6 bp 100×10^9 bp A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
116	1000346	CLAVATA3 – like peptides are secreted from - Sub ventral glands of root knot nematode - Sub ventral glands of cyst nematodes - Dorsal glands of root knot nematode - Dorsal glands of cyst nematode A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question				
117	1000347	Indole acetic acid (IAA), a tryptophan metabolite, is found in species of 1. <i>Meloidogyne</i> and <i>Ditylenchus</i> 2. <i>Globodera</i> and <i>Ditylenchus</i> 3. <i>Heterodera</i> and <i>Meloidogyne</i> 4. <i>Meloidogyne</i> and <i>Aphelenchoides</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
118	1000348	Which one of the following coefficients of variation (CV) is an indication of the better precision of the experiment? 1. $\leq 20\%$ 2. $\geq 20\%$ 3. $\leq 60\%$ 4. $\geq 60\%$ A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
119	1000349	Identify the correct statement(s) regarding decision errors (A). Null hypothesis accepted when in fact it is false is referred to as type II error (B). Null hypothesis rejected when in fact it is true is referred to as Type I error Choose the correct answer from the options given below: 1. (A) only. 2. (B) only. 3. (A) and (B) both. 4. Neither (A) nor (B). A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
120	1000350	The square root of the mean of the squared deviations of individual values from their mean is called as 1. mean deviation 2. variance 3. standard deviation 4. quartile deviation A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00