

PREVIEW QUESTION BANK

Module Name : Plant Pathology - 04-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. *Alylosia 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
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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
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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
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		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
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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
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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
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		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
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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
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Objective Question

26	1206		4.0	1.00
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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
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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
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Objective Question

32	1212		4.0	1.00
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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
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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
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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
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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
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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
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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
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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
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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
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		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

4.0 1.00

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

		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

4.0 1.00

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

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:

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

1. *Adonia variegata*
2. *Epilechna vigintioctopunctata*
3. *Illeis cincta*
4. *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
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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
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Objective Question

67	1247		4.0	1.00
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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	1000251	First fungal genome sequenced in 1996 was 1. <i>Trichoderma harzianum</i> 2. <i>Fusarium oxysporum</i> 3. <i>Saccharomyces cerevisiae</i> 4. <i>Schizosaccharomyces pombe</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
72	1000252		4.0	1.00

The material used for seed treatment such as Madhuca, ash and other was first listed by Parashar in

1. 505-587 AD
2. 600-700 AD
3. 800-900 AD
4. 1000 AD

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

73	1000253		4.0	1.00
Who reported that potato spindle disease is caused by viroids?				
1. W.M. Stanley 2. F.C. Bawden 3. N.W. Pirie 4. T.O. Diener				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

74	1000254		4.0	1.00
Given the DNA sequence ATTAAGGC, which sequence would be used by researchers as an antisense molecule?				
1. AUUAAGGC 2. UAAUCCG 3. CGGAATTA 4. TAATCCG				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

75	1000255		4.0	1.00
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Membrane filters of which pore size are normally used

1. 2.0 µm
2. 0.5 µm
3. 0.2 µm
4. 2.5 µm

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

76 1000256

Most commonly used mounting media for viewing fungi is

1. Toluidine blue
2. Cotton blue in lacto-phenol
3. Tryptan blue
4. Acid fuchsin

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

77 1000257

Hypovirulent strains are shown to contain

1. Protein bodies
2. Double stranded RNA elements
3. Excessive lipid molecules
4. Hard to describe DNA elements

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

78 1000258

4.0 1.00

The fungus which is so important for its use in genetic studies is

1. *Aspergillus*
2. *Rhizopus*
3. *Penicillium*
4. *Neurospora*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

79	1000259	'Cross protection' is a phenomenon that is more common in this group of pathogens 1. Bacteria 2. Viruses 3. Nematodes 4. Phytoplasma A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

80	1000260	Dolipore septum is found in 1. Ascomycetes 2. Zygomycetes 3. Basidiomycetes 4. Chytridiomycetes A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

81	1000261		4.0	1.00
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Which one is the correct formula of chitin?

1. $C_{22}H_{54}N_5O_{21}$
2. $C_{22}H_{51}N_4O_{21}$
3. $C_{22}H_{54}N_4O_{21}$
4. $C_{20}H_{54}N_4O_{21}$

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

82 1000262

4.0 1.00

Name of fungi cause human diseases, particularly in immunocompromised patients are

- A. *Candida* and *Aspergillus*
- B. *Histoplasma* and *Coccidioides*
- C. *Puccinia* and *Erysiphe*

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

83 1000263

4.0 1.00

Curtovirus has following vector

1. Aphid
2. Thrip
3. Bug
4. Leafhopper

A1 : 1

A2 : 2

A3 : 3

		A4 : 4		
Objective Question				
84	1000264	The genome of TMV codes for coat protein subunits consisting of 1. 160 amino acids 2. 158 amino acids 3. 162 amino acids 4. 164 amino acids A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
85	1000265	The best suited buffer for maintaining virus viability during isolation and transfer of viruses is 1. Potassium nitrate solution 2. Phosphate buffer 3. Sodium hydroxide 4. Sodium chloride A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
86	1000266	Economic threshold is 1. The maximum profit that can be earned with a healthy crop 2. The maximum profit the USDA will allow for any given crop 3. The point where the cost of controlling the disease is less than the cost of the damage that would occur if no control measures were used 4. The total cost of all cultural, mechanical and chemical control measures used in one growing season A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

87	1000267	For remote sensing detection of plant disease which wavelength is most important? 1. Visible 2. Infrared 3. Both visible and infrared 4. Blue only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

88	1000268	Bacterial growth can be estimated using the model 1. Logistic model 2. Single point model 3. Integral model 4. Regression model A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

89	1000269	Apple scab forecasting requires inputs of A. Temperature B. High RH hours C. Leaf wetness hours D. Cultural practices Choose the correct answer from the options given below: 1. (A) only 2. (A), (B) and (C) only. 3. (C) only 4. (A), (B), (C) and (D) A1 : 1	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

90	1000270	Striga is known as root parasites on which of the following crop plants? 1. Cowpea 2. Arabidopsis 3. Pearl millet 4. Pea A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

91	1000271	Exanthema disease in pear is caused due to deficiency of 1. Ca 2. Cu 3. Bo 4. Ni A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

92	1000272	Phytoalexin is produced by plants in response to fungal infection are 1. Phenolic compounds 2. Glycoprotein 3. Protein 4. Lipid A1 : 1	4.0	1.00
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		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
93	1000273	Most of the systemic fungicides are transported in plants through 1. Symplast 2. Chloroplast 3. Apoplast 4. Leucoplast A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
94	1000274	The mode of nutrition of <i>Erysiphe</i> is 1. Endoparasitic 2. Phagotrophic 3. Ectoparasitic 4. Undefined A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
95	1000275	Most commonly used biocontrol agents in India is. 1. <i>Pythium olingodrum</i> 2. <i>Trichoderma harzianum</i> 3. <i>Nomuraea rileyi</i> 4. NPV A1 : 1	4.0	1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

96	1000276	Given below are two statements: Statement (I): Bacterial Leaf Streak is caused by <i>Xanthomonas campestris</i> pv. <i>oryzae</i> Statement (II): The Bacterial Leaf Streak pathogen is strictly seed borne. 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 true. - Both Statement (I) and Statement (II) are false. - Statement (I) is true but Statement (II) is false. - Statement (I) is false but Statement (II) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

97	1000277	Arrange the infection steps of a fungal pathogen in the correct order. (A). Penetration (B). Infection (C). Colonization (D). Invasion Choose the correct answer from the options given below: (A), (B), (C), (D). (B), (A), (D), (C). (A), (D), (C), (B). (C), (B), (A), (D). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

98	1000278	Given below are two statements: Statement (I): <i>Sclerotium rolfsii</i> secretes the toxin oxalic acid during pathogenesis Statement (II): Oxalic acid is a host-specific toxin 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 true. - Both Statement (I) and Statement (II) are false. - Statement (I) is true but Statement (II) is false. - Statement (I) is false but Statement (II) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

99

1000279

4.0

1.00

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

List-I	List-II
(A). Dry root rot of citrus	(I). Use of tolerant root stock
(B). Citrus canker	(II). Pruning and burning of affected parts
(C). Citrus tristeza	(III). Scrapping-off of diseased bark
(D). Citrus gummosis	(IV). Nursery management

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

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

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

100	1000280	Given below are two statements: Statement (I): Potato Virus Y is transmitted by aphids in non-persistent manner Statement (II): Potato Virus Y is flexuous dsRNA particles 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 true. - Both Statement (I) and Statement (II) are false. - Statement (I) is true but Statement (II) is false. - Statement (I) is false but Statement (II) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

101	1000281	What is true for the bacterial pathogen <i>Dickeya chrysanthemi</i>? (A). Previously known as <i>Erwinia chrysanthemi</i> (B). Polar flagella (C). Fluorescent pigments (D). Gram-negative Choose the correct answer from the options given below: (A), (B) and (D) only. (B) and (D) only. (B), (C) and (D) only. (A) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

102	1000282		4.0	1.00
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In which fungi the Teliospores are united laterally?

- (A). *Melampsora* spp.
 (B). *Phragmidium* spp.
 (C). *Coleosporium* spp.
 (D). *Uromyces* spp.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

103 1000283

What is true for Papaya Ringspot Virus?

- (A). Seed transmissible
 (B). Profuse mottling and puckering of leaves
 (C). Leaves modified into shoe-string like structures
 (D). Transmission by eriophyid mites

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

104 1000284

4.0 1.00

Which of the following is **not** true for viruses that replicate via reverse transcription?

1. Reverse transcriptase
2. Reoviridae
3. Caulimoviridae
4. Electron dense inclusion bodies

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

105 1000285

Which one of the following fungicides is effective in the management of *Botrytis cinerea*?

1. Elemental sulfur
2. Oxycarboxin
3. Dinocap
4. Dicarboximide

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

106 1000286

4.0 1.00

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

List-I	List-II
(A). Avoid wounding	(I). <i>Pythium</i> spp.
(B). Certified seeds	(II). <i>Fusarium</i> spp.
(C). Good drainage	(III). Viruses
(D). Spraying chemicals before harvesting	(IV). <i>Phytophthora</i> spp.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

107 1000287

4.0 1.00

Given below are two statements:

Statement (I): Plant defense signaling pathways mediated by Salicylic acid and Jasmonic acid are antagonistic to each other

Statement (II): Plant defense signaling pathways mediated by Salicylic acid and Auxin are antagonistic to each other

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

108 1000288

4.0 1.00

Given below are two statements:

Statement (I): High-speed sedimentation improves virus yield during isolation

Statement (II): High-speed sedimentation eliminates low-molecular weight contaminants and increases virus concentration during isolation

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

1. Both Statement (I) and Statement (II) are true.
2. Both Statement (I) and Statement (II) are false.
3. Statement (I) is true but Statement (II) is false.
4. Statement (I) is false but Statement (II) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

109	1000289	Given below are two statements: Statement (I): Black leg of potato is caused by <i>Pectobacterium atrosepticum</i> Statement (II): The Black leg of potato pathogen survives in infected tubers 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
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Objective Question

110	1000290		4.0	1.00
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Which of the following is true for Peach Leaf Curl pathogen?

- (A). The fungus carries over as conidia
- (B). The disease is favored by hot and humid climate
- (C). The fungus also produces ascospores
- (D). The pathogen is spread by psyllids

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

111 1000291

Which of the following host factors is not involved in RNA virus replication?

- 1. Host translational factors
- 2. Host heat shock proteins
- 3. Host RNA binding proteins
- 4. Host gyrases

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

112 1000292

Given below are two statements:

Statement (I): Mycelium of *Cercospora cucurbiticola* is branched, septate, and light brown to dark colored

Statement (II): Needle-like setae arises from the stroma of *Cercospora cucurbiticola*

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.

4.0

1.00

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
113	1000293	Which of the following fungi has clavate type conidia? 1. <i>Leveillula taurica</i> 2. <i>Phyllactinia corylea</i> 3. <i>Uncinulla necator</i> 4. <i>Podosphaera leucotricha</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
114	1000294	Which of the following is an antagonistic biocontrol agent? 1. <i>Peniophora gigantea</i> 2. <i>Schizophyllum commune</i> 3. <i>Neorospora tetrasperma</i> 4. <i>Dictyostelium discoideum</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
115	1000295	Which one of the following diseases is caused by <i>Phytophthora citrophthora</i>? 1. Mahali or Koleroga disease 2. Root rot 3. Gummosis 4. Damping-off A1 : 1	4.0	1.00

		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

116	1000296	Which one of the following is a Mycoparasite?	4.0	1.00
		1. <i>Laetisaria arvalis</i> 2. <i>Rhizoctonia solani</i> 3. <i>Penicillium expansum</i> 4. <i>Arthrobotrys oligospora</i>		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

117	1000297	Which one of the following diseases is known to manage through Pathogen Derived Resistance?	4.0	1.00
		1. Stem rust of wheat 2. Late blight of potato 3. Ring Spot of papaya 4. Downy mildew of grapes		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

118	1000298	Which type of symptoms are caused by Phosphorus deficiency?	4.0	1.00
		1. Dwarfed and foliage become dark green 2. Dwarfed, woody and the foliage become yellow 3. Mild chlorosis and browning of the tips of leaves 4. The growing points die, roots become thick and stunted		
		A1 : 1		
		A2 : 2		

A3 : 3

A4 : 4

Objective Question

119	1000299	What is true for management of Purple Blotch of onion? (A). Long crop rotation (B). Roguing (C). Well drained field (D). Seed treatment with Thiram Choose the correct answer from the options given below: 1. (B), (C) and (D) only. 2. (A), (C) and (D) only. 3. (C) and (D) only. 4. (A) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

120	1000300	In which of the following methods 'Liposomes' are used to introduce genetic material for developing disease resistance in plants? 1. Clonal propagation 2. Callus-single-cell culture 3. Plant protoplasts 4. Haploid plants A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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