

PREVIEW QUESTION BANK

Module Name : Plant Pathology-ENG
Exam Date : 14-Jul-2023 Batch : 14:30-16:30

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	2001	Choose the incorrect statement regarding the composition of election commission. 1. Appointment of the chief election commissioner and other election commissioners shall be made by the president. 2. President can also appoint regional commissioners after consultation with the election commission. 3. Conditions of service and tenure of office of the election commissioners and regional commissioners shall not be determined by the president. 4. Article 324 under constitution of India is dealing with the composition of election commission. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
2	2002	Which one of the following amendment acts is referred to as the 'mini constitution'? 1. 42nd 2. 44th 3. 46th 4. 48th A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
3	2003		4.0	1.00

With regard to the jurisdiction and powers of high court, disputes relating to the election of members of parliament and state legislatures, comes under the ambit of which one of the following jurisdictions?

1. Original
2. Writ
3. Appellate
4. Supervisory

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

4 2004

Which of the following is formed when the moisture is deposited in the form of water droplets on cooler surfaces of solid objects?

1. Frost
2. Fog
3. Mist
4. Dew

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

5 2005

Which of the following is the correct reason for the occurrence of best fishing grounds in the mixing zones (the mixing of warm and cold currents)?

1. It has the moderate temperature
2. It has the slowest sea waves
3. It has the high growth of planktons.
4. It has the sunrays perpendicular to the sea level.

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

6	2006	Eisenhower Cup is associated with which among the following sports?	4.0	1.00
		1. Tennis 2. Chess 3. Football 4. Golf		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

7	2007	Who was the first woman President of the Indian National Congress?	4.0	1.00
		1. Kasturba Gandhi 2. Sarojini Naidu 3. Annie Besant 4. Aruna Ali		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

8	2008	The dockyard was found in which of the following sites in Indus Valley Civilization?	4.0	1.00
		1. Chanhudaro 2. Lothal 3. Kalibangan 4. Banawali		
		A1 : 1		

		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

9	2009	Who built the famous Charminar of Hyderabad?	4.0	1.00
		1. Krishndev Rai		
		2. Muhammad Quli Qutb Shah		
		3. Nadir Shah		
		4. Aurangzeb		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

10	2010	Who discovered the right triangle?	4.0	1.00
		1. Pythagoras		
		2. Ancient Egyptians		
		3. Archimedes		
		4. Michelangelo		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

11	2011	Citrus canker is caused by	4.0	1.00
		1. Virus		
		2. Viriod		
		3. Bacteria		
		4. Fungus		

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

Objective Question

12	2012	DBM is a specific insect of 1. Brinjal 2. Tomato 3. Cabbage 4. Bottle gourd A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

13	2013	What is the scientific name of mulberry silkworm? 1. Bombyx mori 2. Antherea paphia 3. Antheraea assama 4. Attacus Ricinii A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

14	2014		4.0	1.00
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Subject matter of economics are want, effort and

1. Wealth
2. Growth
3. Satisfaction
4. Income

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

15 2015

The National Bureau of Animal Genetic Resources (NBAGR) is located in

1. Karnal
2. Bengaluru
3. Hisar
4. Jind

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

16 2016

The oldest known agroforestry systems is

1. Alley cropping
2. Taungya systems
3. Home Gardening
4. Shifting cultivation

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

17	2017	The effect or requirement of the relative length of day and night on flowering is called 1. Photomechanics 2. Transpiration 3. Photoperiodism 4. Phytoperiodism A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

18	2018	Which of the following statements are true? (A) Small pores in epidermis of leaves is called stomata. (B) Guard cells present in the stomata are helpful in exchange of gases with atmosphere (C) Transpiration takes place through stomata Choose the correct answer from the options given below: 1. (A) and (B) only. 2. (B) and (C) only. 3. (A) and (C) only. 4. (A), (B) and (C). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

19	2019		4.0	1.00
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Water holding capacity is highest in which of the following soils?

1. Silt soil
2. Clayey soil
3. Chalk soil
4. Peat soil

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

20 2020

Certified seed is the progeny of

1. Nucleus seed
2. Foundation seed
3. Breeder's seed
4. Registered seed

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

21 21001

Gel electrophoresis is used in which method for the detection of plant pathogens ?

1. Chemo-diagnostic method
2. Serodiagnostic method
3. Nucleic acid-based method
4. Cultural method

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

22 21002

4.0 1.00

Given below are two statements :

Statement (I) : Pathometry involves both qualitative and quantitative measurements of plant diseases.

Statement (II) : The disease measurement is important only for the scientist.

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

23 21003

4.0 1.00

Which fungus is used for biological control of insect pests of the crop ?

- (A) *Botrytis cinerea*
- (B) *Metarhizium anisopliae*
- (C) *Hirsutella thompsonii*
- (D) *Alternaria solani*

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

24 21004

4.0 1.00

Match List I with List II

List I	List II
(Fungus)	(Type of spore)
(A) <i>Synchytrium endobioticum</i>	(I) Ascospore
(B) <i>Claviceps purpurea</i>	(II) Teliospore
(C) <i>Fusarium udum</i>	(III) Zoospore
(D) <i>Urocystis agropyrii</i>	(IV) Microconidia

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

25 21005

4.0 1.00

Sugarcane ratoon stunting disease is caused by ?

- Xanthomonas euvesicatoria* pv. *perforans*
- Clavibacter michiganensis* subsp. *michiganensis*
- Leifsonia xyli* subsp. *xyli*
- Xylella fastidiosa* subsp. *pauca*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

26 21006

4.0 1.00

Given below are two statements :

Statement (I) : Elicitors, produced by the avirulent gene of microbes do not induce phytoalexin production by activating certain genes in plant cells.

Statement (II) : The host plant develops mechanisms to defend against attack by pathogens.

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

27 21007

4.0 1.00

Which scientist did work on fungi in India ?

- (A) E.C. Stakman
- (B) E.J. Butler
- (C) M.J. Thrimulachar
- (D) M.J. Berkeley

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

28 21008

4.0 1.00

Which of the following increases disease severity of rice blast ?

- (A) High silicon fertilizer
- (B) Low night temperature (20⁰C)
- (C) High night temperature (30⁰C)
- (D) High nitrogen fertilizer

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

29 21009

4.0 1.00

Botrytis cinerea developed resistance against which fungicide ?

- 1. Metalaxyl
- 2. Benomyl
- 3. Dimethirimol
- 4. Dichloran

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

30 21010

4.0 1.00

Which is the major virulence factor of *Ralstonia solanacearum* causing bacterial wilt disease in Solanaceous crops ?

1. Secretion of massive exopolysaccharides
2. Secretion of massive amount of proteinases
3. Secretion of massive amount of toxins
4. Secretion of massive amount of auxins

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

31 21011

4.0 1.00

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

List I	List II
(Book/Theory proposed/Characteristic, etc.)	(Author/Thinker/Name of Theory, etc.)
(A) Vertical resistance	(I) Pathogenicity of differentially interacting races differing in virulence
(B) Horizontal resistance	(II) Pathogenicity of non-differentially interacting races differing in virulence
(C) Virulence	(III) Host varieties interact differentially with races of the pathogen
(D) Aggressiveness	(IV) Host varieties do not interact differentially with races of the pathogen

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

32 21012

4.0 1.00

Genetic material of which of the following viruses is a single stranded negative RNA ?

- (A) Barley stripe mosaic virus
- (B) Tomato spotted wilt virus
- (C) Potato yellow dwarf virus
- (D) Barley yellow dwarf virus

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

33 21013

4.0 1.00

Given below are two statements :

Statement (I) : Apple powdery mildew is an example of a monocyclic pathogen giving rise to a polyetic epidemic.

Statement (II) : The Dutch elm disease is an example of a monocyclic pathogen giving rise to a polyetic epidemic.

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

34 21014

4.0 1.00

Which of the following R (resistance) gene is capable of inducing resistance against Tobacco mosaic virus ?

1. *N'* gene
2. *Cf9* gene
3. *L6* gene
4. *Pto* gene

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35 21015

4.0 1.00

Given below are two statements :

Statement (I) : In *Aphelenchus* dorsal oesophageal gland orifice opens in metacarpus.

Statement (II) : In *Aphelenchus* dorsal oesophageal gland orifice opens in procorpus.

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

36	21016	Given below are two statements : Statement (I) : In India <i>Heterodera avenae</i> was first reported from Haryana in 1957. Statement (II) : In India <i>Heterodera avenae</i> was first reported from Delhi in 1958. 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

37	21017	In which year Citrus nematode was first reported from India ? 1963 1959 1961 1979 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

38	21018		4.0	1.00
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How many rectal glands are present in root-knot nematodes ?

1. 4
2. 6
3. 5
4. 8

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

39 21019

4.0 1.00

Given below are two statements :

Statement (I) : 3rd stage juveniles of root-knot nematodes are non-feeding satge.

Statement (II) : 3rd stage juveniles of root-knot nematodes are feeding satge.

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

40 21020

4.0 1.00

Which of the following is known as lance nematode ?

1. *Hoplolaimus*
2. *Scutellonema*
3. *Rotylenchus*
4. *Belonolaimus*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

41 21021

In which of the following nematode stylet knobs are absent ?

1. *Tylenchus*
2. *Psilenchus*
3. *Aphelenchoides*
4. *Pratylenchus*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

42 21022

Ufra disease of rice is caused by which nematode ?

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

43 21023

4.0 1.00

In which year first plant parasitic nematode, *Anguina tritici* was discovered ?

1. 1749
2. 1783
3. 1843
4. 1743

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

44 21024

Which of the following genera having post-uterine sac ?

1. *Tylenchorhynchus*
2. *Hirschmanniella*
3. *Pratylenchus*
4. *Radopholus*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

45 21025

Given below are two statements :

Statement (I) : Soybean cyst nematode is a domestic quarantine pest in India.

Statement (II) : Soybean cyst nematode is an international quarantine pest in India.

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 correct.
3. **Statement (I)** is correct but **Statement (II)** is incorrect.
4. **Statement (I)** is incorrect but **Statement (II)** is correct.

4.0 1.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

46 21026

4.0 1.00

Given below are two statements :

Statement (I) : *Corpus allatum* responsible for secretion of Juvenile Hormone.

Statement (II) : *Corpus cardiaca* responsible for secretion of Juvenile Hormone.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

47 21027

4.0 1.00

Glossary related to Plant Protection including Biological Control is dealt as per IPPC of FAO under.

1. ISPM # 2
2. ISPM # 4
3. ISPM # 5
4. ISPM # 7

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

48	21028	Given below are two statements : Statement (I) : Tillage, hoeing, digging, mulching, and chemical control are mechanical methods of weed control. Statement (II) : Tillage, hoeing, digging, mulching, and chemical control are NOT mechanical methods of weed control. 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

49	21029	<i>Phalaris minor</i>, looks morphologically similar to : - Rice - Oat - Wheat - Finger millet A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

50	21030		4.0	1.00
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Which of the following is an exotic bioagent of *Parthenium hysterophorus* ?

1. *Neochetina bruchi*
2. *Neochetina eichhornia*
3. *Zygogramma bicolorata*
4. *Cassida sphaerula*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

51 21031

4.0 1.00

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

List I	List II
(Book/Theory proposed/ Characteristic, etc.)	(Author/Thinker/ Name of Theory, etc.)
(A) Cotton leafhopper	(I) 15 to 20% plants infested
(B) Cotton aphid	(II) 1 to 2 nymphs/adults per leaf
(C) Cotton mite	(III) 10 per cm/leaf
(D) Cotton whitefly	(IV) 5 to 10 per leaf

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

52 21032

4.0 1.00

Which of the following is the main breeding host for fruit sucking moth *Otheris* spp ?

1. *Tinospora cardifolia*
2. *Gynandropsis pentaphylla*
3. *Ipomea cairica*
4. *Triumfetta rhomboidea*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

53 21033

4.0 1.00

Given below are two statements:

Statement (I) : *Laccifer lacca* sucks the phloem sap from succulent twigs.

Statement (II) : *Cajanus cajan* is another host of *Laccifer lacca*.

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

54 21034

4.0 1.00

Given below are two statements :

Statement (I) : Use of methyl bromide is almost phased out world over.

Statement (II) : Aluminium phosphide is known to deplete ozone layer.

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 21035

Incurvariid moth pollinate :

1. Jack
2. Ficus
3. Yucca
4. Fig

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

56 21036

Which insects are used as singing pets ?

1. Crickets
2. Mole crickets
3. Grasshoppers
4. Cicadas

4.0 1.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

57 21037

4.0 1.00

The arachnid associated with corpses in forensic sciences is :

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

58 21038

4.0 1.00

Given below are two statements :

Statement (I) : All locusts are grasshopper.

Statement (II) : All grasshoppers are solitary and nocturnal.

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

59 21039

4.0 1.00

India is known for the rich fauna of the serigenous insects :

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

60 21040

4.0 1.00

The predatory fauna of lac insect in India is :

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

61 21041

4.0 1.00

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

List I	List II
(Book/Theory proposed/ Characteristic, etc.)	(Author/Thinker/ Name of Theory, etc.)
(A) <i>Phyllactinia corylea</i>	(I) Temperate tasar
(B) <i>Antheraea assamensis</i>	(II) Jharkhand
(C) <i>Antheraea proylei</i>	(III) Mulberry plant
(D) Jalpa (Tasar eco-race)	(IV) Chawki rearing

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

62 21042

4.0 1.00

Ahimsa Silk is produced from :

- Samia ricini*
- Bombyx mori*
- Attacus atlas*
- Acteas selene*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

63 21043

4.0 1.00

Given below are two statements :

Statement (I) : The breeder's seed stock maintenance is the responsibility of breeders at (P4) stations.

Statement (II) : The breeder's seed stock maintenance is the responsibility of breeders at (P1) stations.

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

64 21044

4.0 1.00

Raily eco-race of tasar silk worm is naturalized in the forests of :

1. Jharkhand
2. Odisha
3. Chhattisgarh
4. Maharashtra

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

65 21045

4.0 1.00

Chawki silkworm rearing under nylon nets is performed for :

1. *Antheraea proylei*
2. *Antheraea assamensis*
3. *Antheraea mylitta*
4. *Samia ricini*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

66 21046

4.0 1.00

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

List I	List II
(Book/Theory proposed/Characteristic, etc.)	(Author/Thinker/Name of Theory, etc.)
(A) Silk worm excreta	(I) Kashmir
(B) Chrysalis	(II) <i>Eublemma amabilis</i>
(C) Mulberry silkworm	(III) <i>Cordyceps</i>
(D) Lac insect	(IV) Uzifly

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

67 21047

4.0 1.00

Given below are two statements :

Statement (I) : About 40% of cocoons in respect of Bivoltine silk worms are visually selected for the preparation of P-1 DFL's.

Statement (II) : About 60% of cocoons in case of Multivoltine silk worms are visually selected for the preparation of P-1 DFL's.

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

68 21048

4.0 1.00

Given below are two statements :

Statement (I) : The soil pH range between 6.5 to 7.5 is ideal for mulberry plantations.

Statement (II) : A wide range of acidic to alkali soils is tolerant to mulberry plantations.

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

69	21049	Given below are two statements : Statement (I) : Muga silkworm (multivoltine) is reared on <i>Terminalia tomentosa</i> plantations. Statement (II) : Tropical tasar feeds on <i>Ziziphus jujube</i> in wild condition. 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 A4 : 4	4.0	1.00
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Objective Question

70	21050	The primary food plants of Muga silkworm is : <i>Terminalia tomentosa</i> <i>Persea bombycina</i> <i>Shorea robusta</i> <i>Ziziphus jujuba</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

71	1000251		4.0	1.00
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Who first proved experimentally that *Phytophthora infestans* is the cause of potato late blight disease ?

1. E.M. Fries
2. Anton de Bary
3. Robert Hartig
4. I.B. Prevost

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

72 1000252

4.0 1.00

Given below are two statements :

Statement (I) : Viroids are the smallest infectious agents that multiply autonomously in plant cells.

Statement (II) : Substances and enzymes of plant cells are not used by viroids for replication.

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

73 1000253

4.0 1.00

Which of the plant pathogenic bacteria is associated to cause gall disease ?

- (A) *Clavibacter michiganensis* sub sp. *michiganensis*
- (B) *Pseudomonas syringae* pv. *savastanoi*
- (C) *Rhodococcus fascians*
- (D) *Agrobacterium rhizogenes*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

74 1000254

Which genus of the fungus draws the nutrients from the substrate by rhizoids ?

- 1. *Alternaria*
- 2. *Ustilago*
- 3. *Rhizopus*
- 4. *Curvularia*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

75 1000255

4.0 1.00

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

List I	List II
(Bacteria)	(Pigment)
(A) <i>Pseudomonas fluorescens</i>	(I) Carotenoid
(B) <i>Clavibacter michiganensis</i>	(II) Melanin
(C) <i>Burkholderia glumae</i>	(III) Pyoverdins
(D) <i>Streptomyces scabies</i>	(IV) Toxoflavin

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

76 1000256

4.0 1.00

Given below are two statements :

Statement (I) : Fungi associated with Basidiomycota produce fruiting bodies that contain basidia in the form of clubs.

Statement (II) : A basidiocarp is the fruiting body of a mushroom-producing fungus.

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

A4 : 4

Objective Question

77 1000257

4.0 1.00

The most primitive phylum of fungi is the :

1. Chytridiomycota
2. Zygomycota
3. Glomeromycota
4. Ascomycota

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

78 1000258

4.0 1.00

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

List I	List II
(Pathogen)	(Vector)
(A) <i>Claviceps purpurea</i>	(I) <i>Diatraea saccharalis</i>
(B) <i>Nematospora coryli</i>	(II) <i>Schizaphis graminum</i>
(C) <i>Colletotrichum falcatum</i>	(III) <i>Sciara thomae</i>
(D) <i>Sclerospora sorghi</i>	(IV) <i>Oebalus pugnax</i>

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

79 1000259

4.0 1.00

Given below are two statements :

Statement (I) : Fungi affecting annual plants usually survive the summer only as mycelium in infected plant debris.

Statement (II) : Soil inhabitants' fungi are generally unspecialized parasites that have a wide host range.

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 1000260

4.0 1.00

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

List I	List II
(Fungus)	(Character)
(A) <i>Basidiophora</i>	(I) Tip of the branches are cup-shaped apophyses with four sterigmata
(B) <i>Bremia</i>	(II) Tips of the branches inflated into bulbous apophyses
(C) <i>Bremiella</i>	(III) Long sporangiophore, many upright branches near the end
(D) <i>Sclerospora</i>	(IV) Club-shaped sporangiophore with a swollen head

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

81 1000261

Which type of sexual spore is produced by *Pythium* sp. ?

- Ascospore
- Oospore
- Basidiospore
- Zygospore

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

82	1000262	Which fungus does not form a dark-coloured sclerotia as resting body ? (A) <i>Rhizoctonia</i> (B) <i>Colletotrichum</i> (C) <i>Moserella</i> (D) <i>Sclerotium</i> Choose the correct answer from the options given below : 1. (A) and (B) only. 2. (B) and (C) only. 3. (A) and (D) 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

83	1000263	<i>Thermus aquaticus</i> produces Taq polymerase is : 1. Thermophilic 2. Mesophilic 3. Psychrophilic 4. Psychrotrophic A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

84	1000264		4.0	1.00
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There is no increased cell number of bacteria under new conditions in which growth phase ?

1. Lag phase
2. Log phase
3. Stationary phase
4. Decline phase

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

85 1000265

4.0 1.00

Given below are two statements :

Statement (I) : Mutations represent changes in the sequence of bases in the DNA through the substitution of one base for another.

Statement (II) : Cytoplasmic inheritance presumably occurs in all organisms including 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 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

86 1000266

4.0 1.00

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

List I	List II
(Invention)	(Inventor)
(A) Wilt of solanaceous crops	(I) M. Mitra
(B) Karnal bunt	(II) G. Kausche
(C) Electron microscopic observation of TMV	(III) T.O. Diener
(D) Viroid	(IV) E.F. Smith

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

87 1000267

4.0 1.00

Given below are two statements :

Statement (I) : Parasitic higher plants enter their hosts by direct penetration.

Statement (II) : Penetration does not always lead to infection.

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

A4 : 4

Objective Question

88	1000268	Which is not an antibiotic used for plant disease management ?	4.0	1.00
		1. Oxytetracycline 2. Sodium hypochlorite 3. Streptomycin 4. Kasugamycin		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

89	1000269	Which of the plant pathogens are associated with vascular diseases in plants ?	4.0	1.00
		(A) <i>Fusarium oxysporum</i> f.sp. <i>ciceri</i> (B) <i>Verticillium dahliae</i> (C) <i>Xanthomonas campestris</i> pv. <i>campestris</i> (D) <i>Xanthomonas citri</i> pv. <i>punicae</i> Choose the correct answer from the options given below : 1. (A) and (B) only. 2. (A), (B) and (C) only. 3. (A), (C) and (D) only. 4. (C) and (D) only.		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

90	1000270	Which genus of fungus is poisonous ? 1. <i>Agaricus</i> 2. <i>Amanita</i> 3. <i>Volvariela</i> 4. <i>Lentinula</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

91	1000271	Given below are two statements : Statement (I) : Different Phytoalexins are produced by different plants. Statement (II) : Phytoalexins have demonstrated only against avirulent races of pathogens. 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
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Objective Question

92	1000272		4.0	1.00
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Match **List I** with **List II**

List I	List II
(Toxin)	(Function)
(A) Coronatine	(I) Scab inducing
(B) Thaxtomin	(II) Necrosis causing cyclic lipodepsipeptide
(C) Syringomycin	(III) Chlorosis-inducing dipeptides
(D) Amylovorin	(IV) Contain galactose and cause wilting and necrosis to the plant

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

93 1000273

4.0 1.00

Which genes of pathogenicity factors are involved in steps crucial for the establishment of disease ?

- (A) Pathogenicity genes
- (B) Disease-specific genes
- (C) Signaling molecule gene
- (D) Flagellin gene

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

94 1000274

4.0 1.00

Given below are two statements :

Statement (I) : *Avr* genes do not determine the host range of the pathogen at the race-variety level.

Statement (II) : The hypersensitive response is a localized self-induced cell death at the site of infection of a host plant by a pathogen.

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

95	1000275	Which genus of the fungus is a necrotrophic parasite on the insect ? (A) <i>Nomuraea</i> (B) <i>Ambrosiella</i> (C) <i>Raffaelea</i> (D) <i>Hirsutella</i> Choose the correct answer from the options given below : (A) and (D) only. (B) and (C) only. (A) and (D). (B) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

96	1000276	Teleomorph of which pathogen is <i>Glomerella tucumanensis</i> ? <i>Colletotrichum capsici</i> <i>Colletotrichum falcatum</i> <i>Colletotrichum gloeosporioides</i> <i>Colletotrichum lindamuthianum</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

97	1000277		4.0	1.00
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Which is true for resistance of host plants to pathogens ?

- (A) Evolution of new effectors
- (B) Recognition of effectors
- (C) Evolution of new races
- (D) Presence of Pattern Recognition Receptors

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

98 1000278

4.0 1.00

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

List I	List II
(Book/Theory proposed/ Characteristic, etc.)	(Author/Thinker/ Name of Theory, etc.)
(A) Transgenic variety	(I) Bean Golden Mosaic Virus
(B) Gemini virus	(II) Grapevine Fanleaf Virus
(C) Nematode transmission	(III) Potato virus X
(D) Sturdy flexuous rod	(IV) Papaya Ring Spot Virus

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

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

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
99	1000279	Which disease could be managed well by using pathogen-free planting material ? 1. Mango anthracnose 2. Botrytis Gray mold of strawberry 3. Apple scab 4. Panama disease of banana A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
100	1000280	Which one of the following fungicide groups is a Sterol Biosynthesis Inhibitor ? 1. Benzimidazoles 2. Carboxamides 3. Triazoles 4. Acylalanines A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
101	1000281		4.0	1.00

Given below are two statements :

Statement (I) : Citrus greening is caused by a xylem-inhabiting fastidious bacteria.

Statement (II) : The bacterial pathogen is transmitted by psyllid.

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 correct.
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

102 1000282

4.0 1.00

Which of the following is true for the sheath blight disease of rice ?

- (A) The disease is caused by *Rhizoctonia solani*
- (B) Crop rotation with soybean minimizes rice sheath blight incidence
- (C) The sheath blight pathogen produces host-specific toxins
- (D) The sheath blight pathogen produces mustard seed-like round sclerotia

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

103	1000283	Which of the following is important for determining protein properties of a plant virus ? (A) Avidity (B) Titre (C) Gel electrophoresis (D) Sedimentation coefficient Choose the correct answer from the options given below : 1. (B) only. 2. (C) only. 3. (A) and (B) only. 4. (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

104	1000284	Which of the following diseases is best managed by cultural and biological management practices ? 1. Bacterial wilt of Solanaceous crops 2. Citrus canker 3. Anthracnose of chilli 4. Black rot of crucifers A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

105	1000285		4.0	1.00
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Match **List-I** with **List-II**

List-I (Book/Theory proposed/ Characteristic, etc.)	List-II (Author/Thinker/ Name of Theory, etc.)
(A) Smut of pearl millet	(I) <i>Claviceps fusiformis</i>
(B) Green ear of pearl millet	(II) <i>Moesziomyces bullatus</i>
(C) Ergot of pearl millet	(III) <i>Puccinia substriata</i>
(D) Rust of pearl millet	(IV) <i>Sclerospora graminicola</i>

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

106 1000286

Origin of viroids is believed to be from :

- Transposable genetic elements
- Viruses from prokaryotes and eukaryotes
- Independent virus by degenerative loss of function
- Degeneration of eukaryotic cells

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

107 1000287

Given below are two statements :

Statement (I) : Nucleic acid of satellite viruses codes for its own coat protein.

Statement (II) : The nucleic acid of satellite viruses become packed in coat protein of helper 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 correct.
2. Both **Statement (I)** and **Statement (II)** are correct.
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

108 1000288

Which of the following is true for Potato leaf roll virus ?

1. The nucleic acid is RNA divided into multiple fragments
2. Transmitted by the aphid *Myzus persicae*
3. Transmitted by sap
4. It belongs to the family Potyviridae

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

109 1000289

4.0 1.00

Which of the following is true for *hrp* proteins ?

- (A) Structural component of the Type III Secretion system of bacteria
- (B) Help in secretion of avr proteins
- (C) They are hydrophobic in nature
- (D) Commonly present in Gram positive bacteria

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

110 1000290

Which is true for application of remote sensing in plant pathology ?

- (A) Analyze spectral properties of plant surfaces
- (B) Use chemical properties of plants to collect data
- (C) Invasive technique for collection of plant data
- (D) Use proximal sensing devise to collect plant data

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

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

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

111	1000291	Blossom end rot of fruits is caused by : 1. Sulfur deficiency 2. Calcium deficiency 3. Boron deficiency 4. Copper deficiency A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

112	1000292	Which is true for a bimodal polycyclic disease ? 1. Two polycyclic diseases occurring at the same time in a single host 2. Two polycyclic diseases occurring at different seasons in a single host 3. Two different parts of a plant are affected by a polycyclic disease at different times 4. Two different parts of a plant are affected by a polycyclic disease at the same time A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

113	1000293		4.0	1.00
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Given below are two statements :

Statement (I) : The virus acquisition time by its vector is hours to days when transmission of the virus takes place in persistent and circulative manner.

Statement (II) : The virus multiplies in its vector when transmission of the virus takes place in persistent and circulative manner.

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 correct.
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

114 1000294

4.0 1.00

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

List-I (Book/Theory proposed/ Characteristic, etc.)	List-II (Author/Thinker/ Name of Theory, etc.)
(A) Sulfex	(I) Downy mildew
(B) Copper sulfate	(II) Powdery mildew
(C) Carboxin	(III) Rust of wheat
(D) Triadimefon	(IV) Loose smut of wheat

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

115 1000295

4.0 1.00

Plant *SWEET* genes are linked to :

1. Disease resistance
2. Disease escape
3. Disease avoidance
4. Disease susceptibility

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

116 1000296

4.0 1.00

Given below are two statements :

Statement (I) : In biological control, pathogen population is lowered by another organisms.

Statement (II) : Hypovirulence is a type of biological control.

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 correct.
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 1000297

4.0 1.00

Which of the following is true for Broomrapes ?

- (A) Purple coloured stem
- (B) Scalelike leaves
- (C) Deep evergreen leaves
- (D) Seed formed in pods

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

118 1000298

Arrange the sequence of events in the life cycle of *Plasmodiophora brassicae* :

- (A) Spherical zoosporangia formation
- (B) Zoospore becomes amoeboid
- (C) Mitotic division of the amoeboid structure
- (D) Small uninucleate thallus formation

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

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

A1 : 1

A2 : 2

A3 : 3

4.0 1.00

A4 : 4

Objective Question

119 1000299

4.0 1.00

Which of the following is true for White Blister disease of crucifers ?

- (A) Infections are local and systemic
- (B) Uredospores are exposed following ruptures of the epidermis
- (C) Blisters are formed on all aerial parts except floral parts
- (D) Metalaxyl gives effective management of the disease

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

120 1000300

4.0 1.00

Pigeonpea Sterility Mosaic Virus is transmitted by :

- 1. *Aceria cajani*
- 2. *Pentalonia nigronervosa*
- 3. *Nephotettix cincticeps*
- 4. *Aphis gossypii*

A1 : 1

A2 : 2

A3 : 3

A4 : 4