

PREVIEW QUESTION BANK

Module Name : HORTICULTURE-ENG
Exam Date : 09-Jul-2023 Batch : 10:00-12:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	1501	<p>The wheat grain can be stored well at a moisture percentage less than</p> <ol style="list-style-type: none"> 1. 20 % 2. 15 % 3. 10 % 4. 5 % <p>A1 : 1 A2 : 2 A3 : 3 A4 : 4</p>	4.0	1.0
Objective Question				
2	1502	<p>Reducing weed growth by manipulating water level in water bodies, light intensities, nutrient availability, competitive displacement. etc. is known as</p> <p>Preventive weed management</p> <ol style="list-style-type: none"> 1. Mechanical weed management 2. Ecological weed management 3. Cultural weed management <p>A1 : 1 A2 : 2 A3 : 3 A4 : 4</p>	4.0	1.0
Objective Question				
3	1503	<p><i>Di cladispa armegera</i> is major pest of</p> <ol style="list-style-type: none"> 1. Rice 2. Wheat 3. Sugarcane 4. Gram 	4.0	1.0

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

4	1504	<p>Given below are two statements:</p> <p>Statement (I) : In India ratoon crop of sugarcane occupies about 50-55% of total cane area but contributes to only 30-35% of the total cane production</p> <p>Statement (II) : The varieties possessing high regeneration capacity are required for ratooning and optimum temperature for quick sprouting of stubbles is around 27⁰C</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none">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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

5	1505	<p>Yearly sequence and spatial arrangement of crops and fallow on a given area is</p> <ol style="list-style-type: none">1. Crop rotation2. Cropping pattern3. Cropping system4. Double cropping <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

6	1506	<p>The world's first cytoplasmic male sterility (CMS) based pigeonpea hybrid is :</p> <ol style="list-style-type: none">1. ICPH2671/Pushkal2. Pargati3. ICPL85063/Laxmi4. Durga/ICPL84031 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

7	1507	<p>Respiration</p> <p>(A) Occurs only in cells with chloroplasts</p> <p>(B) Oxygen is used and water is produced</p> <p>(C) Occurs in dark and light</p> <p>(D) Occurs in light only</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none">1. (A), (B) and (D) only.2. (A) and (C) only.3. (A), (B), (C) and (D).4. (B), (C) and (D) only. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

8	1508		4.0	1.0
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Carbohydrates are

- (A) Molecules that contain carbon, hydrogen and oxygen atoms in specific ratios.
- (B) Sparing protein
- (C) Produce energy
- (D) Prevent lipid metabolism

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

9 1509

Which country proposed UN for declaring the year 2023 as International year of millets?

- 1. Ethiopia
- 2. China
- 3. India
- 4. Nigeria

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

10 1510

Life cycle of a normal cultivated rice from germination to physiological maturity is completed in

- 1. 80-90 Days
- 2. 90-100 days
- 3. 110-210 Days
- 4. 250-260 Days

4.0 1.0

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

11	1511	<p>PramparagatKrishiVikasYojana (PKVY) was launched during the year?</p> <ol style="list-style-type: none">1. 20002. 20053. 20104. 2015	4.0	1.0
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

12	1512	<p>Micronutrient that detoxifies super oxide free radicals, proteins and lipids against oxidation is</p> <ol style="list-style-type: none">1. Zinc2. Boron3. Molybdenum4. Chlorine	4.0	1.0
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

13	1513		4.0	1.0
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The calcium content in healthy plant ranges between

1. 0.05-5.0%
2. 0.1-0.3.0%
3. 0.2-1.0%
4. 0.5-5.0%

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

14 1514

When the soil cover of the crop is about 70-80%, the crop coefficient is referred to as

1. Initial stage
2. Mid season stage
3. Crop development stage
4. Late season stage

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

15 1515

Which Irrigation system is useful for areas having water scarcity and salt problems ?

1. Open cannel
2. Sprinkler
3. Micro sprinkler
4. Drip application

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

16	1516	<p>Given below are two statements:</p> <p>Statement (I) : ArkaMridula is a white pulp guava variety</p> <p>Statement (II) : It is seedling selection from Allahabad Safeda</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none">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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

17	1517	<p>In guava red spots on the newly emerged leaves and dry and brittle leaves indicates the deficiency of</p> <ol style="list-style-type: none">1. Boron2. Zinc3. Phosphorus4. Potassium <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

18	1518		4.0	1.0
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Papaya hybrid free from typical papaya odour

- (A) ArkaPrabhath
 - (B) Arka Surya
 - (C) CO 5
 - (D) Solo
1. (A), (B) and (c) only.
 2. (A) and (B) only.
 3. (A), (B) and (D).
 4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

19 1519

4.0 1.0

Given below are the two statements :

Statement (I) Ambred is cross between Red Delicious X Amberi

Statement (II) The Ambred tree is very dwarf

Based on these statement choose the *correct* option:

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

20 1520

4.0 1.0

Improper filling physiological disorder of banana is due to the deficiency of

1. Iron
2. Potassium
3. Copper
4. Magnesium

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

21 1521

Self unfruitful cultivar of peach

1. J.H. Hale
2. Maygold
3. Sharbati
4. Candor

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

22 1522

4.0 1.0

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

List-I	List-II
Characteristic	Fruit
(A) Fleshy peduncle	(I) Cashew
(B) Non climacteric	(II) Pomegranate
(C) Drupe	(III) Mango
(D) Synconium	(IV) Fig

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

23 1523

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

List-I	List-II
Variety	Fruit
(A) Arka Majestic	(I) Mango
(B) Phule Arakta	(II) Guava
(C) Arka Amulya	(III) Pomegranate
(D) Manjeera	(IV) Grapes

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

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

A1 : 1

4.0 1.0

A2 : 2

A3 : 3

A4 : 4

Objective Question

24 1524

4.0 1.0

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

Assertion (A) : Most vegetables except onion and garlic are blanched before drying

Reason (R) : Blanching stops the action of enzymes, which are not killed by sun drying

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

25 1525

4.0 1.0

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

Assertion (A) : Making a notch below a bud by removing a wedge shaped piece of bark is known as nicking and it helps in formation of fruit bud

Reason (R) : Nicking ensures accumulation of carbohydrates from the leaves to the bud which help in the formation of fruit bud

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

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

26 1526

4.0 1.0

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

List-I	List-II
Site of Synthesis	Phytohormone
(A) Young leaves and buds	(I) Ethylene
(B) Roots	(II) Cytokinin
(C) Young fruits	(III) GA
(D) Old leaves	(IV) IAA

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

27 1527

4.0 1.0

Citrus rootstock incompatible with lime and lemon

- Citrus unshiu*
- Rangpur lime
- Karna Khatta
- Trifoliate orange

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

28 1528

4.0 1.0

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

List-I	List-II
Propagation Method	Other name
(A) Marcottage	(I) Air Layering
(B) Stooling	(II) Mound layering
(C) Serpentine	(III) Compound layering
(D) Inarching	(IV) Attached grafting

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

29 1529

4.0 1.0

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

Assertion (A) : Establishment of cashew orchards by seedling is not recommended

Reason (R) : Cashew is a cross- pollinated crop

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

- Both **(A)** and **(R)** are true and **(R)** is the correct explanation of **(A)**.
- Both **(A)** and **(R)** are true but **(R)** is NOT the correct explanation of **(A)**.
- (A)** is true but **(R)** is false.
- (A)** is false but **(R)** is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

30 1530

4.0 1.0

- (A) KalpaSankara is coconut hybrid with cross between CGD and WCT
(B) KalpaSankara is coconut hybrid with cross between MYD and WCT
(C) High yielding
(D) Tolerant to root (wilt) disease

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

31 1531

4.0 1.0

Dwarf palms are

- (A) Referred as var. nana
(B) Short stature, 8-10 M at 20 years of age
(C) Start bearing at the age of 3-4 years
(D) Have long productive life of more than 100 years
(E) Chowghat Green Dwarf and Chowghat orange are popular cultivars in India

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

32 1532

4.0 1.0

Match List-I with List-II

List-I	List-II
Disease	Indicator plant
(A) Tristeza	(I) Kagzi lime
(B) Exocortis	(II) Rangpur lime
(C) Psorosis	(III) Sweet orange var. Pineapple
(D) Greening	(IV) Sweet orange var.Valencia

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

33 1533

4.0 1.0

Asepsis is

- Completely destroying the microorganism by high temperature
- Keeping microorganism out from entering into food
- Removal of microorganism from food by filtering
- It is a type of freezing

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

34 1534

4.0 1.0

Choose the right sequence (decreasing order) about India's share of the following fruits in global fruit production

- (A) Mango
- (B) Grapes
- (C) Banana
- (D) Citrus

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35 1535

Calculate the number of plants in quincunx system of planting in one hectare area when row to row and plant to plant distance is 10 m

1. 90
2. 150
3. 181
4. 200

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

36 1536

4.0 1.0

Given below are two statements:

Statement (I) : Each Parasitoids requires only one host, which it kills for its development into a free living adult and are of same size as the host

Statement (II) : Where as predators are free living and often lager in size than their pray requiring several prays to complete their life cycle.

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

37 1537

4.0 1.0

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

List-I	List-II
Physiological disorder	Fruit crop
(A) Translucent flesh	(I) Mango
(B) Internal breakdown	(II) Pineapple
(C) Gooseflesh	(III) Pomegranate
(D) Girdle necrosis	(IV) Banana

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

38 1538

Which Apple cultivar is a good pollinizer for all the delicious groups ?

1. Jonathan
2. Jona Gold
3. Golden Delicious
4. Greensleeves

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

39 1539

First hybridization work in citrus was carried out at

1. Kodur
2. Meghalaya
3. Nagpur
4. Chethali

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

40 1540

Which Coimbatore series of Papaya is a selection from Washington?

1. Co-1
2. Co-3
3. Co-5
4. Co-7

A1 : 1

A2 : 2

A3 : 3

4.0 1.0

A4 : 4

Objective Question

41 1541

Which *Mallus* species is known as Siberian crab?

1. *M. baccata*
2. *M. coronaria*
3. *M. floribunda*
4. *M. angustifolia*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

42 1542

Polyembryony is controlled by?

1. Dominant gene
2. Recessive gene
3. Single pair of gene
4. Self sterility

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

43 1543

Which mango cultivar imparts prominent beak character to the progenies?

1. Manjeera
2. Totapuri
3. Banganpalli
4. Amrapalli

A1 : 1

A2 : 2

A3 : 3

4.0 1.0

A4 : 4

Objective Question

44 1544

4.0 1.0

Statistical analysis for determining the adaptability of genotypes in different environment is

1. Correlation analysis
2. Line \times Tester
3. D^2 Mahalanobis
4. Stability analysis

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

45 1545

4.0 1.0

Banana are placed in the order

1. Rhamnales
2. Zingerbales
3. Myrtales
4. Rosales

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

46 1546

4.0 1.0

The grape vine flowers are borne in clusters or panicles on

1. 1-2 node
2. 3-5 node
3. 5-7 node
4. 8-10 node

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

47 1547

4.0 1.0

Which pineapple cultivar has spineless leaves and is resistant to gummosis ?

1. Smooth Cayenne
2. Queen
3. Spanish
4. Abacaxi

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

48 1548

4.0 1.0

The origin of wound induced De Novo adventitious root in citrus is

1. Cambium
2. Phloem
3. Bark and Basal callus
4. Nodal Segment

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

49 1549

4.0 1.0

Given below are two statements:

Statement (I): Dwarfing interstocks in apple are used to avoid the undesirable root system of a dwarfing root stock

Statement (II): *Mallus Sikimmensis* is largely used as interstock for the said purpose

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

50 1550

Given below are two statements:

Statement (I): The tall coconut cultivars are referred as var. *typica*, while dwarf type as var. *Nana*

Statement (II): Tall cultivars are the resultant of out breeding while dwarf are the resultant of inbreeding

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

51 1551

4.0 1.0

4.0 1.0

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

Assertion (A) : Clonal selection followed by vegetative propagation is a major strategy for improvement of perennial crops.

Reason (R) : A large genetic advance can be made in a single step without the multiple generation of seed propagation required of seed propagated cultivars.

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

1. Both (A) and (R) are correct and (R) is the correct explanation of (A)
2. Both (A) and (R) are correct but (R) is not the correct explanation of (A)
3. (A) is correct but (R) is not correct
4. (A) is not correct but (R) is correct

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

52 1552

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

Assertion (A) : 2, 3, 5 triphenyl tetrazolium chloride (TTC) is used for determining the seed viability

Reason(R) : Living tissue changes the TTC to an insoluble red compound formazan

1. Both (A) and (R) are correct and (R) is the correct explanation of (A).
2. Both (A) and (R) are correct but (R) is not the correct explanation of (A).
3. (A) is correct but (R) is not correct
4. (A) is not correct but (R) is correct

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

53 1553

4.0 1.0

4.0 1.0

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

Assertion (A): Germplasm can be preserved for longer period under cryopreservation at -296°C .

Reason (R) : There is minimal loss of genetic information through cryopreservation

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

1. Both (A) and (R) are correct and (R) is the correct explanation of (A).
2. Both (A) and (R) are correct but (R) is not the correct explanation of (A).
3. (A) is correct but (R) is not correct
4. (A) is not correct but (R) is correct

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

54 1554

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

Assertion (A) : Nucellar embryony has been a major obstacle in citrus breeding

Reason (R) : Nucellar embryos arise from somatic cells of the nucellus, they are asexual progenies and not required by the breeder.

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

1. Both (A) and (R) are correct and (R) is the correct explanation of (A)
2. Both (A) and (R) are correct but (R) is not the correct explanation of (A)
3. (A) is correct but (R) is not correct
4. (A) is not correct but (R) is correct

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

55 1555

4.0 1.0

4.0 1.0

Match List I with List II pear rootstock for their salient characteristics

List I	List II
(A) <i>Pyrus betulifolia</i>	(I) Blight resistant rootstock
(B) <i>Cydonia oblonga</i>	(II) Black end susceptible rootstock
(C) <i>Pyrus calleryana</i>	(III) Dwarfing rootstock
(D) <i>Pyrus pyrifolia</i>	(IV) Alkaline tolerant rootstock

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

56 1556

Match List I with List II according to the synonym used for the species

List I	List II
(A) <i>Vitis vinifera</i>	(I) Cat grape
(B) <i>Vitis labrusca</i>	(II) Sand grape
(C) <i>Vitis rupestris</i>	(III) Fox grape
(D) <i>Vitis palmata</i>	(IV) Wine grape

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

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

A1 : 1

A2 : 2

4.0 1.0

A3 : 3

A4 : 4

Objective Question

57 1557

4.0 1.0

Match List I with List II with respect to salient characteristics of mango cultivar

List I	List II
(A) Suvarnarekha	(I) Regular bearing
(B) Rumani	(II) Imparting tolerance to Bacterial Canker
(C) Banganpalli	(III) Good donor for skin colour
(D) Bombay green	(IV) Good source for dwarfness

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

58 1558

4.0 1.0

Sequence the Cross combinations of the apple rootstock

- Malling 2 × Northern Spy
- Malling 1 × Northern Spy
- Northern Spy × Merton 793
- Northern Spy × Malling 2

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

- M.25 - M.111 - M.104 - M.106
- M.111 - M.25 - M.106 - M.104
- M.104 - M.106 - M.111 - M.25
- M.104 - M.111 - M.106 - M.25

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

59 1559

4.0 1.0

Sequence the fruit crop according to the place of their origin

- (A) Indo Burma region
- (B) South East Asia
- (C) Black Sea – Caspian sea
- (D) Mesoamerica

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

1. Grape – Mango – Papaya – Banana
2. Banana – Mango – Papaya – Grape
3. Mango – Banana – Grape – Papaya
4. Papaya – Grape – Mango – Banana

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

60 1560

4.0 1.0

Sequence the mango varieties according to their parentage

- (A) Amrapali × Sensation
- (B) Dashehari × Sensation
- (C) Amrapali × Vanraj
- (D) Amrapali × Lal Sundari

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

1. Pusa Lalima – Pusa Peetamber – Arunika – Pusa Shreshth
2. Pusa Shreshth Pusa Lalima – Arunika – Pusa Peetamber
3. Pusa Shreshth – Arunika – Pusa Peetamber – Pusa Lalima
4. Pusa Shreshth – Pusa Lalima – Arunika – Pusa Peetamber

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

61 1561

Powdery mildew resistant single dominant gene (Er-3) derived from which pea species?

1. *Pisum abyssinicum*
2. *Pisum fulvum*
3. *Pisum elatius*
4. *Pisum sativum*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

62 1562

Which of the following biocontrol agent is recommended to control diamond back moth (DBM), serious pests of cruciferous crops particularly cabbage and cauliflower ?

1. *Brachymeria lasus*
2. *Cotesia plutellae*
3. *Trichogramma pretiosum*
4. *Chrysoperla zastrowiillemi*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

63 1563

4.0 1.0

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

List-I	List-II
Botanical Name	Vegetable Crop
(A) <i>Benincasa hispida</i>	(I) Lotus
(B) <i>Trapa natans</i>	(II) Winged bean
(C) <i>Nelumbo nucifera</i>	(III) Ash gourd
(D) <i>Psophocarpus tetragonolobus</i>	(IV) Water chestnut

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

64 1564

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

Assertion (A) : Ditch system of planting is common planting system in *Diara* land cultivation of cucurbitaceous crops.

Reason (R) : To manage the availability of moisture and higher temperature, the trenches are dug in North-West direction

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

- Both (A) and (R) are correct and (R) is the correct explanation of (A).
- Both (A) and (R) are correct but (R) is NOT the correct explanation of (A).
- (A) is correct but (R) is not correct.
- (A) is not correct but (R) is correct.

A1 : 1

A2 : 2

A3 : 3

4.0 1.0

A4 : 4

Objective Question

65 1565

4.0 1.0

Which of the following is F₁ hybrid of watermelon ?

1. Arka Akash
2. Arka Shyama
3. Arka Manik
4. Arka Muthu

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

66 1566

4.0 1.0

Given below are two statements:

Statement (I) : Worldwide tomato is mainly consumed as fresh vegetable (89%) and only ~11% is processed.

Statement (II) : Tomato genotypes suitable for processing require key parameters such as low TSS (< 5 °Brix) and minimum acid: sugar ratio (15:1)

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

67 1567

4.0 1.0

The recommended optimum plant density for sweet potato has been recommended by ICAR- CTCRI is ?

1. 73000 plants/ha
2. 63000 plants/ha
3. 83000 plants /ha
4. 93000 plants/ha

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

68 1568

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

Assertion (A) : Potassium accelerates the translocation of photosynthates from leave to tubers, increase higher root yield in sweet potato.

Reason (R) : The quality characters like starch and protein contents decreases with increase in potassium in sweet potato.

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

1. Both (A) and (R) are correct and (R) is the correct explanation of (A).
2. Both (A) and (R) are correct but (R) is NOT the correct explanation of (A).
3. (A) is correct but (R) is not correct.
4. (A) is not correct but (R) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

69 1569

4.0 1.0

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

Assertion (A) : Long day types onions are cultivated in temperate or hilly regions.

Reason (R) : The onion crop is more sensitive to temperature that plays more important role in bulb formation than photoperiod.

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

1. Both (A) and (R) are correct and (R) is the correct explanation of (A).
2. Both (A) and (R) are correct but (R) is NOT the correct explanation of (A).
3. (A) is correct but (R) is not correct.
4. (A) is not correct but (R) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

70 1570

4.0 1.0

On the basis of anthesis time of vegetable crops

- (A) Tomato
- (B) Muskmelon
- (C) Summer Squash
- (D) Ridge gourd

Choose the *correct* answer from the options according to ascending order of anthesis time:

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

71 1571

4.0 1.0

Kashi Chayan is the variety of

1. Cowpea
2. French bean
3. Tomato
4. Chilli

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

72 1572

What is the basic chromosome number is present in C genome of *Brassica oleracea* ?

1. $x = 18$
2. $x = 9$
3. $x = 36$
4. $x = 16$

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

73 1573

4.0 1.0

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

List-I	List-II
Vegetable Crop	Variety/Hybrid
(A) Tomato	(I) Kashi Arun
(B) French bean	(II) Kashi Amul
(C) Carrot	(III) Kashi Himani
(D) Brinjal	(IV) Kashi Baingani

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

74 1574

Which of the following is **not** a suitable breeding objective in cowpea ?

- Determinate plant type
- Early pod maturity
- Photosensitivity
- Wider adaptability

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

75 1575

4.0 1.0

Which of the following is NOT a triploid hybrid or triploid variety of Tapioca ?

1. Sree Sahya
2. Sree Athulya
3. Sree Apoorva
4. Sree harsha

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

76 1576

What is the chromosome number of Radish ?

1. $2n = 16$
2. $2n = 18$
3. $2n = 20$
4. $2n = 22$

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

77 1577

Given below are two statements:

Statement (I) : Lettuce is most common among leafy vegetables that can be easily grown in hydroponic system.

Statement (II) : Life cycle of hydroponic lettuce is long as compared to traditionally grown lettuce.

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

4.0 1.0

A2 : 2

A3 : 3

A4 : 4

Objective Question

78	1578	<p>What is the centre of origin of Fenugreek ?</p> <ol style="list-style-type: none"> 1. South East Europe and West Asia 2. China 3. Indo-Myanmar region 4. North and South America <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

79	1579	<p>Which of the following physiological disorder exhibit premature initiation of floral buds and elongation of peduncle in cauliflower ?</p> <ol style="list-style-type: none"> 1. Ricyness 2. Fuzziness 3. Leafiness 4. Whiptail <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

80	1580	<p>Which of the following variety is suitable for early sowing in garden pea ?</p> <ol style="list-style-type: none"> 1. Pusa Shree 2. Pusa Prabal 3. PalamPriya 4. ArkaAjit 	4.0	1.0
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

81 1581

In tomato cultivation, which of the following is used for fruit set under adverse condition ?

1. GA3
2. PCPA
3. Kinetin
4. IBA

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

82 1582

Given below are two statements:

Statement (I) : Mutagen induced male sterility is heritable and male sterility induced by gametocide is non-heritable.

Statement (II) : Heterozygous population derived in garden pea will not segregate on selfing.

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

4.0 1.0

Objective Question

83 1583

4.0 1.0

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

List-I	List-II
Crop	Variety
(A) Turmeric	(I) Pant C-1
(B) Coriander	(II) Pant Ragini
(C) Chilli	(III) Pant Peetabh
(D) Fenugreek	(IV) Pant Haritima

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

84 1584

4.0 1.0

What is the spacing (row to row & plant to plant) of extra early varieties of cauliflower?

- 45 cm x 30 cm
- 60 cm x 45 cm
- 60 cm x 30 cm
- 75 cm x 60 cm

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

85 1585

4.0 1.0

What is the causal organism of early blight of potato ?

1. *Alternaria solani*
2. *Phytophthora infestans*
3. *Rhizoctonia solani*
4. *Synchytrium endobioticum*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

86 1586

4.0 1.0

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

List-I	List-II
Types of hydroponics	Functional Mechanism
(A) Wick system	(I) Plants stand in a shallow stream of water containing desirable nutrients.
(B) Ebb and Flow	(II) Net pot filled in a small quantity of clay pebbles
(C) NFT system	(III) Passive form of hydroponics
(D) Water culture	(IV) Periodic flooding and draining of the nutrient solutions

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

87 1587

4.0 1.0

Which of the following onion variety is recommended for *khariif* season ?

1. Bhima Light Red
2. Bhima Kiran
3. Bhima Dark Red
4. Pusa Madhavi

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

88 1588

What is the family of Celery ?

1. Apiaceae
2. Asteraceae
3. Poaceae
4. Amaryllidaceae

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

89 1589

Which of the following is a major pest of the early summer cauliflower ?

1. Diamond back moth
2. *Spodoptera litura*
3. Cabbage butterfly
4. Aphid

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

90	1590	<p>Which of the following grafting can be used in tomato if scion and rootstocks are of different thickness?</p> <ol style="list-style-type: none">1. Cleft grafting2. Splice grafting3. Tube grafting4. Tongue Approach grafting <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

91	1591	<p>Exposing seed to beneficial microorganisms is called as</p> <ol style="list-style-type: none">1. Matrix priming2. Hydropriming3. Halopriming4. Bio priming <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

92	1592	<p>A dried drupe of black pepper is known as</p> <ol style="list-style-type: none">1. pepper corn2. pepper berry3. pepper spikes4. pepper leaf <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.0
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A4 : 4

Objective Question

93 1593

Which of the following have most desirable traits for edible pod ?

1. Parchment free, thin-walled pods
2. Semi-parchment, thick-walled pods
3. Parchment free, thick-walled pods
4. Thin walled pods with parchment layer

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

94 1594

Variety 'Pusa Sharda' belongs to which crop that can be stored for 15-20 days under room temperature ?

1. Tomato
2. Cucumber
3. Muskmelon
4. Bitter gourd

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

95 1595

4.0 1.0

Given below are two statements:

Statement (I) : Gigas and genome buffering effect exhibited by haploid plants

Statement (II) : In watermelon, there is no existence of parthenocarpy under natural conditions.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

96 1596

4.0 1.0

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

List-I	List-II
(Garden Name)	(Location/state)
(A) Lalbagh garden	(I) Delhi
(B) AmritUdyan	(II) Tamil Nadu
(C) Sim's Park	(III) West Bengal
(D) Llyod Botanical Garden	(IV) Karnataka

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

97	1597	<p>Which of the following colours belong to soft cool colours in “Colour scheme”?</p> <ol style="list-style-type: none">1. Red, orange and yellow2. White, black and grey3. Blue, violet and green4. Red, white and green <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

98	1598	<p>Which of the following tree is associated with the life of Lord ‘Krishna’?</p> <ol style="list-style-type: none">1. <i>Salix babylonica</i>2. <i>Anthocephalus cadamba</i>3. <i>Saraca indica</i>4. <i>Michelia champaca</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.0
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Objective Question

99	1599	<p>Famous blue coloured variety ‘Moondust’ belongs to which of the following flower crop?</p> <ol style="list-style-type: none">1. <i>Lilium longiflorum</i>2. <i>Rosa hybrida</i>3. <i>Dianthus caryophyllus</i>4. <i>Tagetes erecta</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.0
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A4 : 4

Objective Question

100 | 1600

4.0 | 1.0

Which of the following prostrate or trailing shrubs are suitable for planting in rock gardens?

- (A) *Lantana sellowiana*
- (B) *Ixora armeniaca*
- (C) *Juniperus horizontalis*
- (D) *Duranta plumeri*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

101 | 1601

4.0 | 1.0

Which of the following are the elements of garden and landscape designs?

- (A) Line
- (B) Balance
- (C) Rhythm
- (D) Style

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

102 1602

4.0 1.0

Given below are two statements:

Statement (I) : Self-incompatibility was first reported by Koelreuter and in case of self- incompatibility, pollen grains fail to germinate on the stigma of flower that produced them.

Statement (II) : In heteromorphic system of self-incompatibility, flowers of different incompatibility groups are different in morphology.

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

103 1603

4.0 1.0

Plants which possess special structures such as thorns, rootlets, tendrils, etc to climb over a support, are called as.

1. Seasonal flowers
2. Trees
3. Shrubs
4. Climbers

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

104 1604

4.0 1.0

Which of the following are cool season turf grasses?

- (A) *Cynodon dactylon*
- (B) *Agrostis palustris*
- (C) *Paspalum notatum*
- (D) *Lolium perene*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

105 1605

Given below are two statements:

Statement (I) : Self pollination leads to a very rapid increase in homozygosity and self pollinated crops do not show inbreeding depression.

Statement (II) : Cross pollination preserves and promotes heterozygosity in a population and shows mild to severe inbreeding depression.

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

106 1606

4.0 1.0

4.0 1.0

Which of the following climber is categorized as heavy climber?

1. *Petrea volubilis*
2. *Quisqualis indica*
3. *Aristolochia elegans*
4. *Lonicera japonica*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

107 1607

Which of the following is a striped variety of standard carnation?

1. Darling
2. Picaro
3. Super Star
4. Challenger

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

108 1608

Which of the following shrubs are grown for their fragrant flowers?

- (A) *Duranta plumieri*
- (B) *Cestrum nocturnum*
- (C) *Acalypha hispida*
- (D) *Portlandia grandiflora*

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

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

A1 : 1

4.0 1.0

A2 : 2

A3 : 3

A4 : 4

Objective Question

109 1609

4.0 1.0

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

List-I	List-II
(Flower Crop)	(Basic chromosome number)
(A) Rose	(I) X= 9
(B) Gladiolus	(II) X= 12
(C) Marigold	(III) X= 15
(D) Chrysanthemum	(IV) X= 7

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

110 1610

4.0 1.0

Which of the following annual flower crop is used as green filler?

- Nasturtium
- Rose
- Gypsophila
- Carnation

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

111 1611

4.0 1.0

Which of the following is the most common rootstock for budding in rose under South Indian conditions?

1. *Rosa foetida*
2. *Rosa multiflora*
3. *Rosa lucida*
4. *Rosa indicavar.odorata*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

112 1612

4.0 1.0

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

Assertion (A) : Calyx splitting is a major disorder of carnation and in this, calyx split when the flowers start to open.

Reason (R) : This is attributed to various factors such as over feeding, varietal character, high temperature, a sharp drop in night temperature, a low nitrogen level or boron deficiency.

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

1. Both (A) and (R) are correct and (R) is the correct explanation of (A).
2. Both (A) and (R) are correct but (R) is NOT the correct explanation of (A).
3. (A) is correct but (R) is not correct.
4. (A) is not correct but (R) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

113 1613

4.0 1.0

Which of the following chrysanthemum cultivars were developed through induced mutation?

- (A) Birbal Sahni
- (B) Pusa Centenary
- (C) Pusa Kesari
- (D) Kundan

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) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

114 1614

What is the new name of 'Mughal Garden' of Rashtrapati Bhavan, New Delhi, India?

- 1. Amrit Vatika
- 2. Parmo Udyan
- 3. Amrit Udyan
- 4. Nandan Van

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0

Objective Question

115 1615

Which of the following is a largest Indian orchid?

- 1. *Bletia purpurea*
- 2. *Aerides multiflorum*
- 3. *Cymbidium giganteum*
- 4. *Galeola falconeri*

4.0 1.0

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

116 1616

4.0 1.0

Which of the following garden styles are developed on the basis of their respective ideas of heaven?

- (A) Mughal garden style
- (B) Persian Garden style
- (C) English Garden style
- (D) Japanese garden style

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

117 1617

4.0 1.0

Make the correct sequence of steps involved in hybridization of flower crops?

- (A) Pollination
- (B) Emasculation of parents.
- (C) Choice and evaluation of parents.
- (D) Harvesting and storing of F₁ seeds
- (E) Bagging and tagging

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

118 1618

4.0 1.0

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

Assertion (A) : Shrubs or trees planted at an irregular interval to form a discontinuous screen is known as hedge.

Reason (R) : An ideal hedge is having uniform dense growth from base to top and it can be achieved by getting more or less uniform supply of water, essential elements and proper sunshine.

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

1. Both **(A)** and **(R)** are correct and **(R)** is the correct explanation of **(A)**.
2. Both **(A)** and **(R)** are correct but **(R)** is NOT the correct explanation of **(A)**.
3. **(A)** is correct but **(R)** is not correct.
4. **(A)** is not correct but **(R)** is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

119 1619

4.0 1.0

Make the correct sequence of steps involved in the T- budding method of rose flower crop?

- (A) Incision of T shaped cut on the rootstock stem.
- (B) Selection and planting of rootstocks.
- (C) Insertion of scion wood in the T- cut on rootstock stem.
- (D) Selection and preparation of scion wood.
- (E) Wrapping of scion budded on rootstock stem with polythene.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

120 1620

Which of the following annuals are directly sown in the beds?

- (A) Pansy
- (B) Nasturtium
- (C) Stock
- (D) Hollyhock

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.0