

PREVIEW QUESTION BANK

Module Name : HORTICULTURE-ENG
Exam Date : 14-Jul-2023 Batch : 10:00-12:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	1401	<p>Which of the following was declared as international pulse year?</p> <ol style="list-style-type: none"> 1. 2010 2. 2012 3. 2016 4. 2019 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
2	1402	<p>Which of the following compound causes aroma in rice?</p> <ol style="list-style-type: none"> 1. Monosilicic acid 2. Monoacetyl -1- pyrroline 3. 2 acetyl -1- pyrroline 4. Disillic acid <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
3	1403	<p>Viruses which kill bacteria are known as</p> <ol style="list-style-type: none"> 1. Virion 2. Viriods 3. Bacteriophages 4. Antibodies <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00

		A3 : 3		
		A4 : 4		

Objective Question

4	1404	<p>RDA stands for</p> <ol style="list-style-type: none"> 1. Recommended Dietary Allowances 2. Recommended Daily Allowances 3. Required Dietary Allowances 4. Required Daily Allowance <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

5	1405	<p>Pusa Basmati 1718 is a new version of</p> <ol style="list-style-type: none"> 1. Pusa Basmati 1 2. Pusa Basmati 1121 3. Pusa Basmati 1509 4. Pusa Basmati 1637 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

6	1406	<p>Given below are two statements:</p> <p>Statement (I): In sugarcane skip furrow irrigation is preferred</p> <p>Statement (II): Because it saves water upto 36 % and increase water use efficiency by 64%</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>	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

7	1407	<p>Photosynthesis</p> <p>(A). Produces sugars from energy</p> <p>(B). Occurs in most cells</p> <p>(C). Occurs only in cells with chloroplasts</p> <p>(D). Energy is released</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. 	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

8	1408	<p>Energy production, energy storage, building macromolecules and assisting in lipid metabolism are the functions of</p> <ol style="list-style-type: none"> 1. Proteins 2. Carbohydrates 3. Enzymes 4. Amino acids 	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

9	1409		4.0	1.00
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Soil Health Card Scheme was launched by the GOI during the year?

1. 2000
2. 2005
3. 2010
4. 2015

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

10	1410	<p>Pusa RH 10 is a hybrid variety of</p> <ol style="list-style-type: none"> 1. Rice 2. Wheat 3. Chick pea 4. Maize <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

11	1411	<p>Which millet is known as King of Millets ?</p> <ol style="list-style-type: none"> 1. Finger millet 2. Fox tail millet 3. Pearl millet 4. Sorghum <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

12	1412		4.0	1.00
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In which light rate of photosynthesis is maximum ?

1. Blue
2. Green
3. Red
4. Indigo

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

13	1413	<p>The recommended moisture level for storage of wheat is</p> <ol style="list-style-type: none"> 1. <10% 2. >10 % 3. <20% 4. >25% <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

14	1414	<p>Number of crops grown per year on a given area of land \times 100 is known as</p> <ol style="list-style-type: none"> 1. Cropping effect 2. Cropping index 3. Cropping intensity 4. Cropping pattern <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

15	1415		4.0	1.00
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Growing crops together of different height at the same time is known as

1. Parallel cropping
2. Quadruple cropping
3. Sequential cropping
4. Multi storeyed cropping

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

16	1416	<p>Given below are two statements:</p> <p>Statement (I): Guava variety Sweta is selection from half sibs population of Apple Colour</p> <p>Statement (II): This is prolific bearer and pink pulp variety</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	1.00
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Objective Question

17	1417	<p>Which one of the following is not true about Punjab Sweet?</p> <ol style="list-style-type: none"> 1. A variety of papaya 2. Developed from sibmating the lines from Kenya 3. It is dioecious 4. The fruit weight is around 400 gram <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

18	1418	<p>Which one of the following is not true for Tamar?</p> <ol style="list-style-type: none"> 1. A low chilling apple cultivar 2. Originated from South Africa 3. Good Flavoured 4. Ripens in July <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

19	1419	<p>Match List-I with List-II</p> <table border="1"> <thead> <tr> <th>List-I</th> <th>List-II</th> </tr> <tr> <th>Root stock</th> <th>Characteristics</th> </tr> </thead> <tbody> <tr> <td>(A). Quince A</td> <td>(I). Vigorous</td> </tr> <tr> <td>(B). Quince B</td> <td>(II). Semi vigorous</td> </tr> <tr> <td>(C). Quince C</td> <td>(III). Dwarfing</td> </tr> <tr> <td>(D). <i>Pyrus pashia</i></td> <td>(IV). Suitable for hilly regions</td> </tr> </tbody> </table> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV) 2. (A) - (III), (B) - (II), (C) - (I), (D) - (IV) 3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III) 4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II) <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	List-I	List-II	Root stock	Characteristics	(A). Quince A	(I). Vigorous	(B). Quince B	(II). Semi vigorous	(C). Quince C	(III). Dwarfing	(D). <i>Pyrus pashia</i>	(IV). Suitable for hilly regions	4.0	1.00
List-I	List-II															
Root stock	Characteristics															
(A). Quince A	(I). Vigorous															
(B). Quince B	(II). Semi vigorous															
(C). Quince C	(III). Dwarfing															
(D). <i>Pyrus pashia</i>	(IV). Suitable for hilly regions															

Objective Question

20	1420		4.0	1.00
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Given below are two statements:

Statement (I): The head system of training in case of grapes is suitable for less vigorous cultivars

Statement (II): The telephone system of training in case of grapes is suitable for moderately vigorous cultivars having more apical dominance

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

21 1421

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

Assertion (A) : ABA level is more when plant is under water stress

Reason (R) : This is because when the plant is water stressed, the permeability of the chloroplast membranes to ABA increases and allows movement of the hormones to the epidermal cells including the guard cell

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

4.0 1.00

Objective Question

22 1422

According to the classification of irrigation water based on EC, the quality of irrigation having EC between 5-10ds/m is

1. Normal water
2. Low salinity water
3. Saline water
4. High salinity water

A1 : 1

4.0 1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

23 1423

4.0 1.00

(A). Yield of cashew apple is 8-10 times of raw cashew nut

(B). Cashew apple is very rich in ascorbic acid (240mg/100 of edible portion)

(C). Fenny is the only commercial product from it

(D). The whole crop of cashew apple from a tree should be harvested in a single day for processing

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

24 1424

4.0 1.00

Kalpa Samrudhi is

(A). A dual purpose hybrid of coconut

(B). Drought tolerant

(C). Having high nutrient use efficiency

(D). A cross between CGD and WCT

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question				
25	1425	<p>Membrane filtration refers to</p> <p>(A). Separation of solids from liquids</p> <p>(B). A separator is used which could be porous medium or membrane</p> <p>(C). Helps in clarification of juices and separation of microbes</p> <p>(D). Not commonly used in fruit juices, wine and beer</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A), (B) and (C) only. 2. (A), (B) and (D) 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	1.00

Objective Question				
26	1426	<p>Bio preservation is</p> <ol style="list-style-type: none"> 1. Preservation by fermentation 2. Preservation by freezing 3. Preservation by chemicals 4. Preservation by heat <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00

Objective Question				
27	1427		4.0	1.00

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

Assertion (A) : Apple requires minimum 33% plants of pollinizers variety(ies)

Reason (R) : To acheive optimum fruit set in fruit crops there is an absolute need to have suitable pollinizers in cross pollinated crop

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

28 1428

Facts about banana

- (A). India is largest producer and consumer of banana
- (B). It is cultivated in more than 120 country across the world
- (C). Over 50 cultivars are grown in India
- (D). Tamil Nadu is the largest producer of tissue cultured plants of banana

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

29 1429

Fruit and crown fasciation is associated with

1. Pine apple with high vigour of plants and it increase with ratoons
2. Pine apple with weak plants and decreases with ratoon
3. Banana and increases with ratoon
4. Pear and high soil fertility

4.0 1.00

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

30 1430

4.0

1.00

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

List-I	List-II
Physiological disorder	Control measures
(A). Fruit clustering	(I). Keeping of bee hives in orchard
(B). Softening of tissue	(II). Bagging of fruits one month prior to harvest
(C). Internal necrosis	(III). Foliar spray of borax(1%)
(D). Black tip	(IV). Planting of mango orchard 3 km away from the brick kilns

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

31 1431

4.0

1.00

Guava hybrid Hisra Safeda is cross between

- Seedless X Allahaba Safeda
- Apple colour X Allahabad Safeda
- Allahabad Safeda X Seedless
- Allahabad Safeda X Banarsi Surkha

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question				
32	1432	<p>Which of the following is true about pruning of Anabe -e- Shahi grape?</p> <ol style="list-style-type: none"> 1. Summer pruning during April with 1-2 bud/ cane, where as winter pruning during October with 6-7 buds/ cane 2. Summer pruning during June - July with 1-2 bud/ cane, where as winter pruning during Dec.- Jan. with 6-7 buds/ cane 3. Summer pruning during April with 3-4 bud/ cane, where as winter pruning during October with 8-10 buds/ cane 4. Summer pruning is not applicable, where as winter pruning during October with 6-7 buds/ cane <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00

Objective Question				
33	1433	<p>Number of banana per hectare when planted as 3 suckers/hill at a spacing of 1.8 X 3.6 m</p> <ol style="list-style-type: none"> 1. 2260 2. 3080 3. 4500 4. 5200 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00

Objective Question				
34	1434	<p>The pear fruit for fresh consumption/ market can be stored at</p> <ol style="list-style-type: none"> 1. 0.50⁰C to - 1.1⁰C at 90-95 % RH for 6 months 2. 4-5⁰ C at 75 % RH for 6 months 3. - 4⁰C and 90-95 % RH for 6 months 4. 8-10⁰ C and 65 % RH for 6 months <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00

Objective Question				
35	1435		4.0	1.00

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

List - I	List - II
Deficiency symptoms	Nutrient
(A). Completely yellowish- green leaves with yellow veins	(I). Ca
(B). Yellow or pale yellow to white leaves with green veins	(II). Cu
(C). Youngest leaf with white, withered and twisted tip, die back	(III). Fe
(D). Yellowish leaves with brownish spot	(IV). S

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) - (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

36 1436

4.0 1.00

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

List-I	List-II
Special character	Cultivar
(A). High juice content with low acidity	(I). Rasraj
(B). Cluster bearing	(II). Sahrabati
(C). Canker resistant	(III). Vikram
(D). Suitable for high density plantation	(IV). Elaich Nimboo

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

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

A1 : 1

A2 : 2

A3 : 3

		A4 : 4		
Objective Question				
37	1437	<p>Rejuvenation deals with</p> <p>(A). Restoration of vigour</p> <p>(B). Enhancement in yield and quality</p> <p>(C). Sustainability and economic feasibility</p> <p>(D). Old unproductive and senile trees</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), (B) 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	1.00
Objective Question				
38	1438	<p>Red colour in apple arise from product known as</p> <ol style="list-style-type: none"> 1. Chromogen 2. Florigen 3. Carotenoids 4. Flavonoids <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
39	1439	<p>Which Pear cultivar is resistant to fire blight?</p> <ol style="list-style-type: none"> 1. Honey sweet 2. Bartlet 3. Flemish Beauty 4. Le-Conte <p>A1 : 1</p>	4.0	1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

40	1440	<p>First gynodioecios variety of papaya Coorg Honeydew was selected from ?</p> <ol style="list-style-type: none"> 1. Honey Dew 2. Sunrise solo 3. Coimbatore 3 4. Pink flesh sweet <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

41	1441	<p>Which hormone can be used for inducing early flowering in mango ?</p> <ol style="list-style-type: none"> 1. Ethephon 2. Gibberellic acid 3. IAA 4. IBA <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

42	1442	<p>Mutation which occurs in one layer and along the side of the apex is known as</p> <ol style="list-style-type: none"> 1. Mericlinal Chimera 2. Sectorial chimera 3. Periclinal chimera 4. Segmented chimera <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.00
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A4 : 4

Objective Question

43	1443	<p>Statistical technique for selecting elite inbred lines from mixed population is</p> <ol style="list-style-type: none"> 1. Path and discriminant analysis 2. Diallel analysis 3. Adaptability analysis 4. Stability analysis <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

44	1444	<p>Cultivar "Udhayam" in banana is a clonal selection of ?</p> <ol style="list-style-type: none"> 1. Bomaby green 2. Pidi Monthan 3. Karpuravalli 4. High Gate <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

45	1445	<p>In grape, the nodes just above the inflorescence usually develop</p> <ol style="list-style-type: none"> 1. Calyptra 2. Forks 3. Reflexed stamens 4. Tendrils <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question				
46	1446	<p>Which pineapple cultivar is used for silky "pina"</p> <ol style="list-style-type: none"> 1. Queen 2. Cayenne 3. Mauritius 4. Red Spanish <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
47	1447	<p>The cashew plant is</p> <ol style="list-style-type: none"> 1. Monoecious 2. Dioecious 3. Andromonoecious 4. Gynodioecious <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
48	1448	<p>Establishment of "seed garden" to produce superior hybrids and cultivars is done in</p> <ol style="list-style-type: none"> 1. Pineapple 2. Cashewnut 3. Coconut 4. Plantain <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
49	1449		4.0	1.00

Amino acid tryptophan is used as a precursor for the synthesis of

1. GA
2. IAA
3. Ethylene
4. Cytokinin

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

50 1450

4.0 1.00

Given below are two statements:

Statement (I): Zn deficiency of apple is commonly called "Rosette"

Statement (II): Rosette usually first appears on the summer growth

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

51 1451

4.0 1.00

Match **List-I** with **List-II** cultivar of fruit crops and the country from where they have been introduced

List-I	List-II
(A). Banana-Grand Naine	(I). Australia
(B). Citrus-Kinnow	(II). France
(C). Guava-Beaumont G-35	(III). USA
(D). Mango-Carabao	(IV). Philippines

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

52 1452

4.0 1.00

Match **List-I** with **List-II** with suitable polliniser for apple varieties

List-I	List-II
(A). Gala	(I). Stark Summer
(B). Greensleeves	(II). Kent
(C). McIntosh	(III). Red Delicious
(D). Spartan	(IV). Cox's Orange pipin

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

53 1453

4.0 1.00

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

Assertion (A) : Pear cultivars when grafted on *Pyrus serotina* or *P. ussuriensis* shows quick decline

Reason (R) : Mycoplasma damages the xylem tissue at graft union depriving the roots of food material

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

A4 : 4

Objective Question

54	1454	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Scarification is the process of altering seed covering either physically or chemically</p> <p>Reason (R) : The main aim is to delay germination in non dormant seeds</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 (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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

55	1455	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Grafting is the union of a root system with a shoot system</p> <p>Reason (R) : It combines different cultivars into a composite plant having special characteristic.</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> 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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

56	1456		4.0	1.00
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Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Brown core of apple develops in the fruit at the time of fruit set

Reason (R) : Brown core is a low storage problem developing in fruits at -1°C to 2°C

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

57 1457

4.0 1.00

Sequence the mango species suited for improvement traits

(A). Rootstock for water logged condition

(B). Fruits twice a year

(C). Good parent for breeding free stone mangoes

(D). Fruits can be peeled like banana

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

1. *M. pajang* - *M. similis* - *M. indica* var. *Mekongensis* - *M. decandra*
2. *M. similis* - *M. indica* var. *Mekongensis* - *M. decandra* - *M. pajang*
3. *M. indica* var. *Mekongensis* - *M. decandra* - *M. pajang* - *M. similis*
4. *M. decandra* - *M. indica* var. *Mekongensis* - *M. similis* - *M. pajang*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

58 1458

4.0 1.00

Sequence the ploidy number according to the fruit crops

(A). $2n=22$

(B). $2n=18$

(C). $2n=38$

(D). $2n=50$

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

1. Citrus - Guava - Pineapple - Grape
2. Grape - Guava - Citrus - Pineapple
3. Pineapple - Citrus - Guava - Grape
4. Guava - Citrus - Grape - Pineapple

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

59 1459

4.0 1.00

Sequence the Common name of the apple according to their species

(A). Siberian Crab

(B). Wild Crab

(C). American Crab

(D). Flowering Crab

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

1. *M. sylvestris* - *M. bacata* - *M. floribunda* - *M. coronaria*
2. *M. baccata* - *M. sylvestris* - *M. coronaria* - *M. floribunda*
3. *M. coronaria* - *M. floribunda* - *M. bacata* - *M. sylvestris*
4. *M. bacata* - *M. coronaria* - *M. sylvestris* - *M. floribunda*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

60 1460

4.0 1.00

Sequence the cashew varieties according to their parentage

- (A). Ansur-1 × Vetore 56
 (B). Midnapore red × Vetore 56
 (C). Vetore 56 × Ansur 1
 (D). Vengrula 3 × M 10/4

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

1. Vengrula 6 - Vengrula 7- Vengrula 4 - Vengrula 3
2. Vengrula 3 - Vengrula 4 - Vengrula 6 - Vengrula 7
3. Vengrula 7- Vengrula 4 - Vengrula 3 - Vengrula 6
4. Vengrula 4 - Vengrula 3 - Vengrula 6 - Vengrula 7

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

61 1461

4.0 1.00

Which of the following is desirable characteristics for white pepper production ?

1. Low pericarp/seed ratio
2. High pericarp/seed ratio
3. Medium pericarp/seed ratio
4. Very high pericarp/seed ratio

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

62 1462

4.0 1.00

Kashi Sheetal is the variety of

1. Indian Bean
2. Watermelon
3. Cowpea
4. Cucumber

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

63	1463	<p>Given below are two statements:</p> <p>Statement (I): Kashi Saumya is a attractive dark green medium fruits OP variety of Ridge gourd.</p> <p>Statement (II): Kashi Saumya is suitable for river bed cultivation.</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	1.00
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Objective Question

64	1464	<p>FIGS stands for</p> <ol style="list-style-type: none"> 1. Foreign Identification of Gene Section 2. Focused Identification of Germplasm Strategy 3. Flow Identification of Green Sector 4. Flow cytometric Identification of Gus Sediments <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

65	1465		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
Name of chilli landrace	Geographical indication (GI) tags registered for the state/location
(A). Bhiwapur Chilli	(I). Sikkim
(B).Khola Chilli	(II). Karnataka
(C). Dalle Khursani	(III). Goa
(D). Byadagi Chilli	(IV). Nagpur, Maharashtra

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

66	1466	Male sterility of carrot is conditioned by	4.0	1.00
		<ol style="list-style-type: none"> 1. Two duplicate nuclear genes 2. Single recessive gene 3. Single dominant gene 4. One complementary recessive gene 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

67	1467	What is the family of Tapioca ?	4.0	1.00
		<ol style="list-style-type: none"> 1. Araceae 2. Amaryllidaceae 3. Euphorbiaceae 4. Convolvulaceae 		
		A1 : 1		

A2 : 2

A3 : 3

A4 : 4

Objective Question

68 1468

4.0 1.00

Heterosis can be easily fixable in which of the following?

1. Cross-pollinated crops
2. Vegetatively propagated crops
3. Self-pollinated crops
4. Often cross-pollinated crops

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

69 1469

4.0 1.00

Which of the following term is used for removal of off-types from a seed production plot?

1. Thinning
2. Weeding
3. Selection
4. Roguing

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

70 1470

4.0 1.00

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

Assertion (A) :Continuous inbreeding may lead to complete loss of the inbred lines

Reason (R) : It is desirable to propagate the parental inbred lines by tissue culture techniques.

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

71	1471	<p>National Centre for Organic and Natural Farming is situated at</p> <ol style="list-style-type: none"> 1. Ghaziabad (U.P) 2. Pune (Maharashtra) 3. Tehri Garhwal (Uttarakhand) 4. Jabua (M.P.) <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

72	1472	<p>Who mentioned about the contagious nature of plant diseases on vegetable crops ?</p> <ol style="list-style-type: none"> 1. Vishvavallabh by Shri Chakrapani Mishra (C. 1577 AD) 2. Nusrat Dar Fanni-Falhat (the art of agriculture) the text by Mughal prince Dara Shikoh (1650 AD) 3. Amarakosa (C. 300-500 AD) Sanskrit text by Amarsinha 4. Krishi Parashar by Parashar (C. 400 BC) <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

73	1473	<p>Palam Priya is a powdery mildew resistant variety of</p> <ol style="list-style-type: none"> 1. Okra 2. Garden Pea 3. Cucumber 4. Bitter gourd <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

74 1474

4.0 1.00

What is the recommended seed rate for *kasuri* type fenugreek ?

1. 10-12 kg/ha
2. 20-25 kg/ha
3. 18-20 kg/ha
4. 6-8 kg/ha

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

75 1475

4.0 1.00

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

List-I	List-II
Book	Author
(A). <i>Plant Breeding: Principles and methods</i> , Kalyani Publishers	(I). Singh, Ram J. 2007.
(B). <i>Genetic Resources, Chromosome Engineering, and Crop Improvement-Vegetable crops (Vol. 3)</i> , CRC Press, FI, USA.	(II). Peter, K. V. and Pradeep Kumar, T. 1998.
(C). <i>Handbook of Plant Breeding- Vegetables (Vol I & II)</i> , Springer, USA.	(III). B.D. Singh
(D). <i>Genetics and Breeding of Vegetables</i> , ICAR, New Delhi.	(IV). Prohens J. and Nuez F. 2007.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

76 1476

4.0 1.00

C:N ratio concept for flower bud initiation was suggested by Kraus and Kraybill (1918) in which of the following crop ?

1. Potato
2. Tobacco
3. Onion
4. Tomato

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

77	1477	Which of the following species was used for CMS transfer into cauliflower by backcross breeding?	4.0	1.00
		<ol style="list-style-type: none"> 1. <i>Brassica hirta</i> 2. <i>Brassica cretica</i> 3. <i>Brassica carinata</i> 4. <i>Brassica tournefortii</i> 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

78	1478	<p>Given below are two statements:</p> <p>Statement (I): In spinach, crisp, succulent and savoy leaves are preferred for fresh market.</p> <p>Statement (II): In spinach, flat and smooth leaves are preferred for processing market.</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 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. 	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

79	1479	<p>Which of the following is NOT correct about sporophytic system of self- incompatibility of cabbage?</p> <ol style="list-style-type: none"> 1. Homozygotes for S allele are a normal part of the system 2. There are frequent reciprocal differences 3. Stigma surface is plumose 4. An incompatibility groups may contain two genotypes <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

80	1480	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Sweet potato plants will not flower when the light period exceeds the critical photoperiod.</p> <p>Reason (R) : Sweet potato is propagated using vine cuttings.</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 (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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

81	1481		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
(Type of priming)	(Methodology/Application)
(A). Hydropriming	(I). It can be used against salinity stress
(B). Halopriming	(II). Mixing seeds with organic or inorganic carrier and water
(C). Matrix priming	(III). Exposing seed to beneficial microorganisms
(D). Bio priming	(IV). Often used in arid regions to improve seed performance in dry soils

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

82 1482

What is approximate percent area under riverbed cultivation out of total area under cucurbits cultivation ?

1. 85
2. 48
3. 68
4. 25

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

83 1483

4.0 1.00

In case of onions, which of the followings are desirable features?

- (A). Dormancy
- (B). Low total soluble solids
- (C). High ratio of reducing to non reducing sugars
- (D). Late bolting

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

84 1484

Which of the following is the major dry chilli cultivating state in India ?

- 1. Karnataka
- 2. Madhya Pradesh
- 3. Andhra Pradesh
- 4. Telangana

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

85 1485

4.0 1.00

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

List-I	List-II
Vegetable Crop	Chromosomes number
(A). Carrot	(I). $2n = 24$
(B). French bean	(II). $2n = 26$
(C). Chilli	(III). $2n = 18$
(D). Sponge gourd	(IV). $2n = 22$

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

86 1486

Which of the following is a common method of propagation in turmeric ?

- Seed
- Stem cuttings
- Leaf cuttings
- Rhizome bits

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

87 1487

In 1942, Owen and Jones proposed a system of hybrid seed production in sugarbeet by using which of the following?

- Male sterility
- Self-incompatibility
- Apomixis
- Chemical hybridizing agents

A1 : 1

4.0 1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

88	1488	<p>According to FAO (2021), India is the largest producer of ?</p> <ol style="list-style-type: none"> 1. Potato and onion 2. Cauliflower and cabbage 3. Ginger and okra 4. Brinjal and tomato <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

89	1489	<p>The Indian Society of Vegetable Science (ISVS) was founded on</p> <ol style="list-style-type: none"> 1. 7th April 1963 2. 7th April 1993 3. 7th April 1973 4. 7th April 1983 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

90	1490	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Self pollination by natural means is frequent in Vanilla</p> <p>Reason (R) : Hand pollination is an important part of vanilla cultivation</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 (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. 	4.0	1.00
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

91 1491

4.0 1.00

Given below are two statements:

Statement (I): Pusa Bhindi-5 is the YVMV tolerant variety of okra

Statement (II): It is a purple color okra variety which is carrying higher amount of anthocyanin

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

92 1492

4.0 1.00

'Vegetable Newsletter' is published by

1. AVRDC
2. ICAR
3. USDA
4. IIVR

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

93 1493

4.0 1.00

Given below are two statements:

Statement (I): Arka Apeksha is new chilli hybrid developed for dual purpose in India.

Statement (II): Arka Apeksha is suitable for capsanthin extraction.

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

94	1494	<p>Blanking is a physiological disorder in peas mostly associated with heat or drought stresses and is characterized by</p> <ol style="list-style-type: none"> 1. Reduced development of ovules in pods 2. Absence of ovules in pods 3. Merger of nearby ovules leading to seed absence 4. Absence of parchment layers in pods <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

95	1495		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
Common name of cow pea species/wild species	Cultivar -group
(A). Asparagus bean	(I). Unguiculata
(B). Catjang bean	(II). Biflora
(C). Wild species	(III). Sesquipedalis
(D). Cowpea	(IV). Dekindtiana

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

96 1496

4.0 1.00

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

List-I	List-II
(Garden Name)	(Location/State)
(A). Brindavan garden	(I). Gujarat
(B). Sayaji Park	(II). Jammu & Kashmir
(C). Nishat Bagh	(III). Delhi
(D). Buddha Jayanti Park	(IV). Karnataka

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

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

A1 : 1

A2 : 2

A3 : 3

		A4 : 4		
Objective Question				
97	1497	<p>Which of the following colours are accepted as neutral colours in "Colour scheme"?</p> <ol style="list-style-type: none"> 1. Red, orange and yellow 2. White, black and grey 3. Blue, violet and green 4. Red, white and green <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
98	1498	<p>Which of the following tree is associated with the birth of Lord 'Buddha'?</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	1.00
Objective Question				
99	1499	<p>Famous deep pink coloured variety 'Rose sherbet' belongs to which of the following flower crop?</p> <ol style="list-style-type: none"> 1. Gerbera 2. Carnation 3. Marigold 4. Rose <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				

100	1500	<p>Which of the following shrubs are valued for ornamental bracts?</p> <p>(A). <i>Euphorbia pulcherrima</i></p> <p>(B). <i>Bougainvillea spectabilis</i></p> <p>(C). <i>Juniperus horizontalis</i></p> <p>(D). <i>Mussaenda frondosa</i></p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (B), (C) and (D) only. 2. (A), (B) and (D) only. 3. (A), (B) and (C) only. 4. (A) and (C) only. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

101	1501	<p>Which of the following are the principles of garden and landscape designs?</p> <p>(A). Accent</p> <p>(B). Balance</p> <p>(C). Habit</p> <p>(D). Proportion</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A) and (C) only 2. (B), (C) and (D) only 3. (A), (B) and (D) only 4. (B) and (C) only. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

102	1502		4.0	1.00
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Given below are two statements:

Statement (I): In Gametophytic incompatibility system, the incompatibility reaction of pollen is determined by its own genotypes and not by the genotypes of the plant on which it is produced.

Statement (II): Gametophytic incompatibility was first reported by Hughes and Babcock in 1950 in *Crepis foetida* and by Gerstel in *Parthenium argentatum*.

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	1503	Plants which complete their life cycle under a given site within one season or a year, are called as	4.0	1.00
		<ol style="list-style-type: none"> 1. Trees 2. Annuals 3. Shrubs 4. Climbers 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

104	1504	Which of the following are warm season turf grasses?	4.0	1.00
		(A). <i>Cynodon dactylon</i>		
		(B). <i>Lolium perene</i>		
		(C). <i>Paspalum notatum</i>		
		(D). <i>Agrostis palustris</i>		
		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 1505

4.0 1.00

Given below are two statements:

Statement (I): In dioecy conditions, Staminate and pistillate flowers occur in the same plant, either in the same inflorescence or in separate inflorescence.

Statement (II): In monoecy conditions, Staminate and pistillate flowers occur on the separate plants.

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 1506

4.0 1.00

Which of the following climber is categorized as light climber?

1. *Quisqualis indica*
2. *Petrea volubilis*
3. *Antigonon leptopus*
4. *Wisteria sinensis*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

107 1507

4.0 1.00

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

1. Olympus
2. Picaro
3. Super Star
4. Forever

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

108 1508

4.0 1.00

Which of the following shrubs are grown for their ornamental foliage?

(A). *Codiaeum variegata*

(B). *Murraya exotica*

(C). *Acalypha hispida*

(D). *Cassia laevigata*

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

A2 : 2

A3 : 3

A4 : 4

Objective Question

109 1509

4.0 1.00

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

List-I	List-II
(Flower Crop)	(Variety)
(A). Rose	(I). Sadbhavana
(B). Tuberose	(II). Pusa Alpina
(C). Marigold	(III). Arka Nirantara
(D). Chrysanthemum	(IV). Pusa Bahar

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

110 1510

Which of the following annual flower crop is used for hanging baskets?

- Rose
- Nasturtium
- Antirrhinum
- Marigold

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

111 1511

Which of the following rose species is cultivated to extract the essential oils in India?

- Rosa foetida*
- Rosa gallica*
- Rosa damascena*
- Rosa indica*

A1 : 1

4.0 1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

112 1512

4.0 1.00

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

Assertion (A) : Over watering of chrysanthemum plants is very harmful for their proper growth and development.

Reason (R) : Over watering cause yellowing of leaves and mortality of plants due to rotting of roots.

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 1513

4.0 1.00

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

(A). Pusa Manmohak

(B). Rajat Rekha

(C). Pusa Anmol

(D). Swarna Rekha

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. B and D only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

114 1514

4.0 1.00

Who has developed famous Grand Trunk Road and planted avenue trees on the both sides?

1. Jehangir
2. Sher Shah Suri
3. Akbar
4. Firoz Taghlaq

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

115	1515	<p>Which of the following is a smallest orchid?</p> <ol style="list-style-type: none"> 1. <i>Vanda roxburghii</i> 2. <i>Dendrobium densiflorum</i> 3. <i>Eria pusilla</i> 4. <i>Phaius wallichii</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

116	1516	<p>Which of the following are the main features of English gardens?</p> <p>(A). Baradari</p> <p>(B). Lawn</p> <p>(C). Mosque</p> <p>(D). Herbaceous border</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A) and (C) only. 2. (A) and (D) only. 3. (B) and (D) only. 4. (C) and (D) only. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.00
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A4 : 4

Objective Question

117	1517	<p>Arrange the following steps of pure line selection method of flower crop improvement in correct sequence?</p> <p>(A). Selection of plants on the basis of their phenotype.</p> <p>(B). Conducting preliminary yield trials and rejecting inferior progenies.</p> <p>(C). Best progeny selection and its seed multiplication.</p> <p>(D). Growing individual plant progenies and rejection of undesirable progenies.</p> <p>(E). Conducting replicated yield trials in several locations and rejecting inferior progenies.</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (C), (D), (E), (B), (A). 2. (A), (D), (C), (B), (E). 3. (A), (D), (B), (E), (C). 4. (C), (B), (E), (A), (D). 	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

118	1518	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Lawn is a ground cover of perennial turfgrasses which persists in close mowing and require proper management practices.</p> <p>Reason (R) : The ideal location of developing lawn in any garden is north, north-west or north east open and shady place for most of the day with adequate water availability.</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 (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. 	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

119	1519		4.0	1.00
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Make the correct sequence of steps involved in the *in-vitro* mass multiplication of rose variety?

(A). Preparation and inoculation of axillary bud explants

(B). Shoot elongation of plantlets

(C). Rhizogenesis of plantlets

(D). Shoot proliferation of axillary bud explants

(E). Hardening of plantlets

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

1. (A), (B), (D), (E), (C)

2. (A), (D), (B), (C), (E)

3. (D), (B), (E), (C), (A)

4. (D), (E), (A), (C), (B)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

120 1520

Which of the following are tender annuals?

(A). Oxalis

(B). Digitalis

(C). Pansy

(D). Rudbeckia

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 1.00