

PREVIEW QUESTION BANK

Module Name : Floriculture and Landscaping - 14-ENG
Exam Date : 29-Jun-2024 Batch : 14:30-16:30

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	201	Movement of DNA from one bacterium to another through a tubular bridge or pilus: 1. Conjugation 2. Transposition 3. Transfection 4. Transduction A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
2	202	Which of the following is responsible for eliminating toxic oxygen by-products from cells? 1. Mitochondria 2. Golgi complex 3. Peroxisomes 4. Chloroplasts A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
3	203	A form of multiple parasitism in which a parasite preferentially attacks a host that is already parasitized by another species is known as 1. Cleptoparasitism 2. Ectoparasitoid 3. Obligate parasitism 4. Superparasitism A1 : 1	4.0	1.00

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
4	204	For mass multiplication of DD-136 nematode, the common host used is 1. Silk moth 2. Fruit sucking moth 3. Codling moth 4. Lesser wax moth A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
5	205	Chlorpyrifos methyl is effective against stored product insects except 1. <i>Rhizopertha dominica</i> 2. <i>Tribolium castaneum</i> 3. <i>Caryedon serratus</i> 4. <i>Oryzaephilus surinamensis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
6	206	Which of the following insects often cause inhalational allergies in human following large emergence of adult insects 1. Stick insects 2. May flies 3. Ear wigs 4. Preying mantis A1 : 1 A2 : 2	4.0	1.00

A3 : 3

A4 : 4

Objective Question

7 207

4.0 1.00

Given below are two statements:

Statement (I): Climate is a weather condition related to smaller areas at a given place and at a given time,

Statement (II): Weather is a condition of atmosphere at a given place and at a given time

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

8 208

4.0 1.00

The local name of cyclone in Phillippines is

1. Hurricane
2. Cyclone
3. Baquio
4. Typhoon

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

9 209

4.0 1.00

Which one of the following are secondary tillage implements?

- (A). Subsoiler
- (B). Cultivator
- (C). Disc harrow
- (D). Wetland plough

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

10 210

_____ is the most suitable, drought resistant and persistent grass?

- 1. *Alylosia sp.*
- 2. *Cenchrus ciliaris*
- 3. *Stylosanthes hamata*
- 4. *Sorghum bicolor*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

11 211

The rainfed area in India is approximately

- 1. 30 mha
- 2. 40 mha
- 3. 57 mha
- 4. 70 mha

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

12	212	Which nutrient is often a limiting factor in agricultural production? 1. Nitrogen 2. Carbon 3. Oxygen 4. Hydrogen A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

13	213	What is a potential disadvantage of agroforestry systems? 1. Increased soil erosion 2. Decreased carbon sequestration 3. Reduced biodiversity 4. Enhanced susceptibility to pests A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

14	214	Pungency in mustard oil is due to 1. Amino acid 2. Allyl isothiocyanate 3. Erusic acid 4. Oxalic acid A1 : 1 A2 : 2	4.0	1.00
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		A3 : 3		
		A4 : 4		
Objective Question				
15	215	Sesamum belongs to the family 1. Chenopodiaceae 2. Papilionaceae 3. Leguminosae 4. Pedaliaceae A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
16	216	Dark period is critical in which type of plant? 1. Short day plant 2. Long day plant 3. Day neutral plant 4. All the options A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
17	217	Which of the following is NOT a significant contributor to greenhouse gas emissions from livestock farming? 1. Carbon dioxide 2. Methane 3. Nitrous oxide 4. Ammonia A1 : 1 A2 : 2 A3 : 3	4.0	1.00

A4 : 4

Objective Question

18	218	Fe deficiency is mostly seen in crops growing on 1. Calcareous or alkaline soils 2. Salt affected soils 3. Acidic soils 4. Neutral soils A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

19	219	EDV (Essentially Derived Varieties) are those which are derived from: 1. crossing two commercially known varieties 2. hybrid introduced from other countries 3. existing variety through genetic engineering or mutation 4. crossing commercially known variety with its wild relative A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

20	220	What is the role of "companion planting" in agriculture? 1. Enhancing soil fertility through crop rotation 2. Growing different crop species together to deter pests 3. Cultivating plants in hydroponic system 4. Increasing soil compaction through cover cropping A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
21	1401	Which of the following vegetable crop is medium deep rooted? 1. Onion 2. Asparagus 3. Chilli 4. French bean A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
22	1402	The deficiency of which nutrient cause cavity spot of carrot? 1. B 2. Ca 3. Mo 4. Zn A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
23	1403		4.0	1.00

Match List-I with List-II (Major growing state with respective vegetable crops)

List-I	List-II
(State)	(Crop)
(A). Brinjal	(I). Gujarat
(B). Cassava	(II). Uttar Pradesh
(C). Potato	(III). Tamil Nadu
(D). Beans	(IV). West Bengal

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

24	1404	What is the seed rate of hybrids of tomato (g/ha) which is required in raised bed methods?	4.0	1.00
		50-75 75-100 100-125 150-200		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

25	1405		4.0	1.00
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Given below are two statements:

Statement (I): Elongated root or forking disorder of radish is characterized by dark spots usually appear on the root.

Statement (II): This disorder is the result of excess moisture during root development and also occurs in heavy soils due to soil compactness.

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

26	1406	The seed plot technique (SPT) of potato is specifically developed for the production of: 1. Virus free seed tubers in plains 2. Virus free main crop of potato in plains 3. Nursery raising of true potato seeds in small plots 4. Virus free seed tuber production in hill region A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

27	1407	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Temperate carrots form roots both under temperate and tropical climates but produce seeds only under temperate condition. Reason (R) : Temperate carrots require low temperature of 5 - 8 °C for 40 - 60 days for bolting and flowering. In light of the above statements, choose the <i>correct</i> 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.	4.0	1.00
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

28 1408

4.0 1.00

Match List-I with List-II

List-I	List-II
Vegetable Crop	Variety
(A). Carrot	(I). Pusa Meghna
(B). Cauliflower	(II). Pusa Vrishti
(C). Garden pea	(III). Arka Sujat
(D). Ridge gourd	(IV). Pusa Shree

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

29 1409

4.0 1.00

Identify the correct sequence of the varieties based on maturity groups in cauliflower i.e.early to late

- A. Pusa Sharad
- B. Pusa Meghna
- C. Pusa Snowball K-1
- D. Pusa Paushja
1. (A), (B), (C), (D).
2. (B), (A), (D), (C).
3. (B), (A), (C), (D).
4. (A), (B), (D), (C).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

30 1410

4.0 1.00

What is the desirable thickness of plastic mulches for use in horticultural crops?

1. 75-100 micron
2. 50 -75 micron
3. 10-25 micron
4. 150-200 micron

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

31 1411

4.0 1.00

Which form of the chimera is considered most stable?

1. Sectorial
2. Periclinal
3. Mericlinal
4. Scattered Sectorial

A1 : 1

A2 : 2

		A3 : 3		
		A4 : 4		

Objective Question

32	1412	Which of the following pigment is responsible for the pink colouration in guava pulp? 1. Anthocyanin 2. Xanthophyll 3. Delpididn 4. Lycopene A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

33	1413	Mesophyll collapse is a physiological disorder of 1. Litchi 2. Longan 3. Grapefruit 4. Rambutan A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

34	1414	Which of the following Indian institute, recently completed the genome sequencing of jamun tree? 1. NABI, Mohali 2. IISER, Bhopal 3. NIPB, New Delhi 4. CSIR-IHBT, Palampur A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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A4 : 4

Objective Question

35	1415	The term albedo is associated with 1. Citrus 2. Mango 3. Apple 4. Pear A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

36	1416	Which of the following Indian state has recently got GI tag for growing Mankurad Mango? 1. Maharastra 2. Uttar Pradesh 3. Kerala 4. Goa A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

37	1417	Alemow is a rootstock used for which fruit crop? 1. Mango 2. Citrus 3. Guava 4. Sapota A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

38	1418	Which of the the following fruit crop tolerates extreme soil P ^H (up to 10)? 1. Jamun 2. Banana 3. Jackfruit 4. Mango A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

39	1419	The word "Crab" is associated with 1. Banana 2. Apple 3. Citrus 4. Walnut A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

40	1420	Fig is commercially propagated through 1. Offsets 2. Runner 3. Sucker 4. Hardwood cutting A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

41	1421	Litchi fruit reaches optimum harvest maturity when total soluble solids : titratable acidity ratio reaches 1. 10 2. 20 3. 30 4. 40 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

42	1422	Which of the following mechanical textural attributes denote the response of a fruit/vegetable to different types of forces? (A). Mealiness (B). Crunchiness (C). Cohesiveness (D). Grittiness Choose the correct answer from the options given below: 1. (A) and (D) only. 2. (A) and (B) only. 3. (B) and (C) only. 4. (A), (B) and (C) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

43	1423	Which of the following is NOT a postharvest quarantine treatment? 1. Vapour heat treatment 2. Irradiation treatment 3. Sulphitation treatment 4. Hot water treatment A1 : 1 A2 : 2	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

44	1424	Which of the following chemical is NOT used for in-package 'humidity buffering'? 1. Ethoxyquin 2. Potassium chloride 3. Sorbitol 4. Bentonite A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

451425

4.01.00

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

List-I	List-II
(Commodity)	(Effects of ethylene)
(A). <i>Daucus carota</i>	(I). Toughness
(B). <i>Dianthus caryophyllus</i>	(II). Isocoumarin formation
(C). <i>Asparagus officinalis</i>	(III). Russet spotting
(D). <i>Lactuca sativa</i>	(IV). Sleepiness

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question				
46	1426	Which of the following fruit is widely used for minimal processing? 1. Pomegranate 2. Passion fruit 3. Kiwifruit 4. Apple A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
47	1427	Which of the following chemical is used in 'Grape Guard'? 1. Potassium permanganate 2. Sodium metabisulfite 3. Potassium metabisulfite 4. Calcium sulfate A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
48	1428	Which part of periwinkle herb is a rich source of indole alkaloid 'ajmalicine'? 1. Leaves 2. Flower 3. Stem 4. Root A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
49	1429		4.0	1.00

Given below are two statements:

Statement (I): The most common visible chilling injury symptom in fruit is skin pitting.

Statement (II): Intermittent warming of produce for a short period aggravates the incidence of chilling injury.

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 1430

4.0 1.00

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

List-I	List-II
(Product)	(Maximum moisture content)
(A). Pistachio nut	(I). 3 per cent
(B). Raisins	(II). 15 per cent
(C). Dates	(III). 7 per cent
(D). Grated Desiccated Coconut	(IV). 30 per cent

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

51	1431	The causal organism of Inflorescence blight disease of marigold is 1. <i>Rhizoctonia solani</i> 2. <i>Alternaria zinniae</i> 3. <i>Leveillula taurica</i> 4. <i>Fusarium oxysporum</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

52	1432	Which of the following is the quickest method of lawn establishment? 1. Seeding 2. Dibbling 3. Turf plastering 4. Turfing A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

53	1433	A special kind of dried floral arrangement, which is a mixture of sweet smelling leaves, spices, seeds, roots and distilled essential oils filled in sachets is known as 1. Potpourris 2. Buttonhole 3. Veni 4. Garland A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

54	1434		4.0	1.00
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'Manali' is a mutant variety of which of the following flower crop?

1. Chrysanthemum
2. Dahlia
3. Rose
4. Gladiolus

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

55 1435

According to Society of American Florists (SAF) what does Blue, Red and Green represents?

1. Disease index
2. Harvest index
3. Storage parameters
4. Grade

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

56 1436

Which of the following is a non-fragrant loose flower crop?

1. *Jasminum gradiflorum*
2. *Polianthes tuberosa*
3. *Crossandra infundibuliformis*
4. *Tabernaemontana divaricata*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

57 1437

4.0 1.00

Which of the following method uses an ideal solvent Carbon dioxide (CO₂) for extracting essential oils from flower crops?

1. Expression
2. Enfleurage
3. Supercritical Fluid Extraction
4. Maceration

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

58 1438

Which of the following orchid genus is known by name Lady's Slippers Orchid?

1. *Cymbidium*
2. *Paphiopedilum*
3. *Phalaenopsis*
4. *Cattleya*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

59 1439

Which of the following ornamental is highly suited for hedge purposes?

1. *Iresene herbstii*
2. *Wadelia triloba*
3. *Clerodendron inerme*
4. *Alternanthera amabilis*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

60 1440

4.0

1.00

		'Star Gazer' is a variety of Lilium belongs to which of the following group? 1. Asiatic lily 2. Oriental lily 3. LA (Longiflorum × Asiatic) 4. LO (Longiflorum × Oriental) A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
61	1441	Shivalik is a variety of 1. Mint 2. Isabgol 3. Opium Poppy 4. Aloe vera A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
62	1442	The chief medicinal compound present in the roots of Safed musli is 1. Reserpine 2. Ajmolini 3. Saponin 4. Terpene A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
63	1443		4.0	1.00

Senna belongs to family

1. Rubiaceae
2. Fabaceae
3. Apocynaceae
4. Lamiaceae

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

64 1444

4.0 1.00

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

List-I	List-II
(Crop)	(Family)
(A). Lemongrass	(I). Araceae
(B). Basil	(II). Oleaceae
(C). Acorus	(III). Lamiaceae
(D). Jasmine	(IV). Poaceae

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

65 1445

4.0 1.00

Which of the following statement(s) is/are correct with respect to *Justicia adhatoda* (*Adhatoda vasica*)?

- (A) It belongs to the family Acanthaceae.
- (B) India is considered as the native of this crop.
- (C) Botanically is an herb.
- (D) The plant regenerates primarily through vegetative means.
- (E) The principle alkaloid found from vasaka is vasicine.
- (F) Minor alkaloids contain andrographolides.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

66	1446	The Term "Arabica" is associated with which crop? 1. Black pepper 2. Coffee 3. Oil palm 4. Tea A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

67	1447	Which of the following Coconut variety is suitable for tender nut? 1. COD 2. WCT 3. ECT 4. MYD	4.0	1.00
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		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

68	1448	Allyl-propyl disulphide is responsible for the pungency of 1. Mustard 2. Leek 3. Garlic 4. Onion A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

69	1449	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A): Skiffing is an important type of pruning and mostly practised in tea. Reason (R): Skiffing is mostly done for induction of more vegetative growth. In light of the above statements, choose the <i>correct</i> 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
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Objective Question

70	1450		4.0	1.00
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Given below are two statements:

Statement (I): Tea mosquito bug is an important pest of tea.

Statement (II): Tea mosquito bug is also an important pest of cashewnut.

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

71	1000751	Which of the following is known as 'Shampoo ginger'? 1. <i>Zingiber spectabile</i> 2. <i>Kaempferia elegans</i> 3. <i>Zingiber zerumbet</i> 4. <i>Hedychium flavescens</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

72	1000752	The most widely used landscape graphic software of present time is 1. TASSEL 2. GenStat 3. Vector CAD 4. NTSYS A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
73	1000753	Which of the following species is commonly known as St. Martin's Flower ? 1. <i>Alstroemeria aurea</i> 2. <i>Alstroemeria ligtu</i> 3. <i>Alstroemeria campaniflora</i> 4. <i>Alstroemeria violacea</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
74	1000754	Which of the following are the popular varieties belonging to cut flower crop- <i>Strelitzia reginae</i>? (A). Arka Honey (B). Farinosa (C). Glauca (D). Savi Choose the correct answer from the options given below: 1. (A), (B) and (C) only. 2. (A) and (B) only. 3. (B) and (C) only. 4. (B) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
75	1000755		4.0	1.00

Match List-I with List-II

List-I	List-II
Indian States	Area under flower crops (2020-21)
(A). Kerala	(I). 19.99 '000Ha
(B). Gujarat	(II). 53.26 '000Ha
(C). Tamil Nadu	(III). 22.58 '000Ha
(D). Uttar Pradesh	(IV). 42.92 '000Ha

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

76 1000756

4.0 1.00

Given below are two statements:

Statement (I): HIMFLORA is a computerized botanical database of wild ornamentals of different agro climatic zones of Uttarakhand, India.

Statement (II): CAPSSSA is a computerized aided plant selection system for South Africa that combined ecological planning and landscape design processes along with the classification of characteristics of native species.

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

77	1000757	Which of the following turfgrasses have C₄ photosynthetic system? (A). <i>Festuca pratensis</i> (B). <i>Cynodon dactylon</i> (C). <i>Lolium perene</i> (D). <i>Stenotaphrum secundatum</i> Choose the correct answer from the options given below: 1. (A), (B) and (C) only. 2. (A) and (B) only. 3. (A), (C) and (D) only. 4. (B) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

78	1000758	Which of the following methods is highly suitable for drying of hydrangea flowers ? 1. Vacuum drying 2. Water drying 3. Air drying 4. Press drying A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

79	1000759	Which of the following is commonly known as Crepe jasmine? 1. <i>Jasminum auriculatum</i> 2. <i>Gardenia jasminoides</i> 3. <i>Ervatamia divaricata</i> 4. <i>Trachelospermum jasminoides</i> A1 : 1	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

80	1000760	The rose cultivar 'Pusa Barahmasi' developed from cv. 'Sadabahar' through which of the following breeding method? 1. Polyploidy 2. Mutation 3. Hybridization 4. Selection A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

81	1000761	Which of the following are main features of English gardens? (A). Lawn (B). Herbaceous border (C). Pagoda (D). Rockery Choose the correct answer from the options given below: 1. (A) and (C) only. 2. (A) and (B) only. 3. (A), (B) and (D) only. 4. (B) and (C) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

82	1000762		4.0	1.00
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In Ikebana flower arrangement, which of the following main line is the tallest stem in terms of height?

1. Soe
2. Hikae
3. Shin
4. Jushi

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

83 1000763

4.0 1.00

Given below are two statements:

Statement (I): *Caryota mitis* and *Caryota urens* are fan leaved palms.

Statement (II): *Caryota mitis* produces suckers while *Caryota urens* is suckerless in nature.

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

84 1000764

4.0 1.00

According to Society of American Florists (SAF) which of the following grade in cut flowers of standard chrysanthemum has flower diameter of 140 mm with stem length 76 cm ?

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

85	1000765	Which of the following mutagenic agent is used for the development of 'Zenith' variety of alstroemeria ? 1. EMS 2. X rays 3. Gamma rays 4. UV rays A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

86	1000766	Which of the following is a diploid species of marigold? 1. <i>Tagetes patula</i> 2. <i>Tagetes tenuifolia</i> 3. <i>Tagetes minuta</i> 4. <i>Tagetes remotiflora</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

87	1000767		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
Computerized plant database	Institutions
(A). The Plantscope®	(I). Food and Agriculture Organization (FAO), United Nations
(B). Hortivar	(II). Royal Botanic Gardens, Melbourne
(C). Taxondata	(III). National Depot of Ornamental plants, Netherlands
(D). Green life DATABASE™	(IV). Slovak Agriculture University, Slovakia

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

88 1000768

4.0 1.00

Which of the following shrubs are suitable for growing in moonlit gardens?

- (A). *Jasminum auriculatum*
- (B). *Hamelia patens*
- (C). *Murraya exotica*
- (D). *Gardenia jasminoides*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

89	1000769	Given below are two statements: Statement (I): <i>Lathyrus odoratus</i> and <i>Quamoclit coccinea</i> are perennial climbers. Statement (II): <i>Clitoria ternatea</i> and <i>Lonicera japonica</i> are annual climbers. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. - Both Statement (I) and Statement (II) are correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

90	1000770	Chrysanthemum variety 'Sonar Bangla' is a bud sport of which of the following variety? - Thai Chen Queen - Yellow Star - Ajay - Snowball A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

91	1000771	Carnation cut flowers can be stored dry for duration of 16 to 24 weeks at a temperature of 7-8°C 10-13°C 2-4°C 0-1°C A1 : 1 A2 : 2	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

92	1000772	Which of the following organizations are associated with germplasm Introduction in India? (A). Botanical Survey of India, Kolkata (B). Indian Institute of Technology, Mandi, HP. (C). National Bureau of Plant Genetic resources, New Delhi (D). National Botanical Research Institute, Lucknow Choose the correct answer from the options given below: 1. (A) and (B) only. 2. (A) and (C) only. 3. (A), (C) and (D) only. 4. (B) and (D) only.	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

93	1000773	Which of the following orchids have epiphytic habitat and sympodial growing pattern? (A). Aerides (B). Cattleya (C). Dendrobium (D). Spathoglottis Choose the correct answer from the options given below: 1. (A) and (B) only. 2. (B) and (C) only. 3. (A), (B) and (D) only. 4. (A) and (D) only.	4.0	1.00
		A1 : 1		
		A2 : 2		
		A3 : 3		

A4 : 4

Objective Question

94 1000774

4.0 1.00

Make the correct sequence of steps involved in marker assisted breeding in flower crops.

- (A). Correlation of molecular markers with morphological traits.
- (B). Scoring for markers for determination of polymorphism between parents and F_2 progeny.
- (C). Polymerase chain reaction and gel electrophoresis.
- (D). Development of breeding populations like F_2 progeny.
- (E). DNA isolation and purification.
- (F). Selection of divergent parents.

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

- (D), (A), (E), (C), (B) and (F).
- (E), (D), (B), (F), (C) and (A).
- (F), (D), (E), (C), (B) and (A).
- (E), (C), (A), (D), (F) and (B).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

95 1000775

4.0 1.00

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

List-I	List-II
Mechanism	Types
(A). Dicliny	(I). Protogyny and Protandry
(B). Dichogamy	(II). Monoecy and Dioecy
(C). Self incompatibility	(III). Genetic, cytoplasmic, cytoplasmic genetic
(D). Male sterility	(IV). Sporophytic and gametophytic

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

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

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

Objective Question

96	1000776	What is the ploidy of rose variety 'Mohini' which is a chocolate brown in colour and patented in USA? 1. Monosomic 2. Trisomic 3. Nullisomic 4. Tetrasomic A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

97	1000777	<i>Gladiolus aladagensis</i>, a new species of gladiolus is reported from which of the following country? 1. South Africa 2. United State of America 3. India 4. Turkey A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

98	1000778	"Prima Donna", an F₁ hybrid was released during 1909 belongs to which of the following ornamental crop? 1. <i>Antirrhinum majus</i> 2. <i>Begonia semperflorens</i> 3. <i>Tagetes erecta</i> 4. <i>Zinnia elegans</i> A1 : 1	4.0	1.00
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		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

99	1000779	Which of the following is a characteristic feature of pandanus ? (A).Dicot (B).Evergreen (C).Deciduous (D).Monocot Choose the correct answer from the options given below: 1. (A) and (C) only. 2. (B) and (D) only. 3. (A), (B), (C) and (D). 4. (A) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

100	1000780		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
Bromeliads	Scientific name
(A). Air plant	(I). <i>Neoregelia spectabilis</i>
(B). Fingernail plant	(II). <i>Billbergia nutans</i>
(C). King of the bromeliads	(III). <i>Aechmea bromeliifolia</i>
(D). Wax torch	(IV). <i>Vriesea hieroglyphica</i>

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

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

101 1000781

4.0 1.00

Given below are two statements:

Statement (I): Gypsophila is actually a group of annual, biennial and evergreen perennial plants known for its tiny soft blooms having star-like flowers with soothing effect.

Statement (II): Gypsophilas are grown worldwide as commercial filler in the cut flower industry and is also adorned as potted plant, for floral arrangements and for mist-like effect in mixed borders.

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

102	1000782	Which of the following are day neutral ornamental plants? (A). Cosmos (B). Amaranthus (C). Stock (D). Snapdragon Choose the correct answer from the options given below: 1. (A) and (C) only. 2. (B) and (D) only. 3. (B) and (C) only. 4. (A) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

103	1000783	Which of the following is assessed by using Flow cytometry technique? 1. Essential oil content 2. Carotenoid content 3. Ploidy level 4. Stomata count A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

104	1000784	Which of the following variety belongs to Hybrid Tea group of roses? 1. Delhi Princess 2. Suryakiran 3. Pusa Alpana 4. Dr. M.S. Randhawa A1 : 1	4.0	1.00
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		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
105	1000785	Bud sport 'Pusa Akansha' is obtained in which of the following ornamental crop? 1. Chrysanthemum 2. Bougainvillea 3. Gladiolus 4. Tuberose A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
106	1000786	Which of the following are the elements of landscaping? (A). Colour (B). Balance (C). Texture (D). Form Choose the correct answer from the options given below: 1. (A) and (C) only 2. (B) and (D) only 3. (A), (C) and (D) only 4. (A) and (D) only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
107	1000787		4.0	1.00

Which of the following genera of fungi infect the dry flower materials?

- (A). *Aspergillus*
 (B). *Penicillium*
 (C). *Rhizopus*
 (D). *Fusarium*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

108 1000788

4.0 1.00

Given below are two statements:

Statement (I): 'Moondust' carnation is produced by expression of petunia F3'5'H and petunia DFR genes in white carnations that were specifically deficient in the DFR gene.

Statement (II): 'Moonshadow' carnation is produced by expression of a pansy F3'5'H gene and a petunia DFR-A gene in white carnations that were specifically deficient in the DFR gene.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

109 1000789

4.0 1.00

Which of the following is not a gamma ray induced mutant of chrysanthemum cv. Thai Chen Queen?

1. Pusa Centenary
2. Pusa Aditya
3. Pusa Arunodaya
4. Pusa Kesari

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

110 1000790

Which of the following is **not** a PCR based molecular marker?

1. SSR
2. AFLP
3. SNP
4. RFLP

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

111 1000791

What is the ploidy level of 'Nugget', an interspecific hybrid developed in marigold?

1. Tetraploid
2. Diploid
3. Triploid
4. Hexaploid

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

112 1000792

4.0 1.00

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

List-I	List-II
Disease of turfgrass	Causal organism
(A). Damping off	(I). <i>Marasmius oreades</i>
(B). Fairy Ring	(II). <i>Fusarium sp.</i>
(C). Dollar Spot	(III). <i>Rhizoctonia cerealis</i>
(D). Yellow patch	(IV). <i>Sclerotinia homoeocarpa</i>

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

113 1000793

Which of the following rose varieties belongs to miniature group ?

- (A). Eiffel Tower
- (B). Cri Cri
- (C). Queen Elizabeth
- (D). Twinkle Twinkle

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

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

A1 : 1

A2 : 2

A3 : 3

4.0 1.00

		A4 : 4		
Objective Question				
114	1000794	Given below are two statements: Statement (I): <i>Betula pendula</i> and <i>Salix babylonica</i> are the tree species which are drooping in nature. Statement (II): <i>Cedrus deodara</i> and <i>Grevillea robusta</i> are the climber species which are oval in shape. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. - Both Statement (I) and Statement (II) are correct. - Both Statement (I) and Statement (II) are incorrect. - Statement (I) is correct but Statement (II) is incorrect. - Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
115	1000795	Buddy, QIS and Gnome Series belong to which of the following loose flower crop? - China aster - Gaillardia - Gomphrena - Crossandra A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
116	1000796	Which of the following is a thornless species of barleria ? <i>Barleria prionitis</i> <i>Barleria flava</i> <i>Barleria noctiflora</i> <i>Barleria lupulina</i> A1 : 1 A2 : 2	4.0	1.00

A3 : 3

A4 : 4

Objective Question

117	1000797		4.0	1.00
Which of the following annuals are preferentially inbreeders ? (A). Antirrhinum (B). Marigold (C). Salvia (D). Petunia Choose the correct answer from the options given below: 1. (A) and (C) only. 2. (B) and (D) only 3. (A), (C) and (D) only. 4. (A) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4				

Objective Question

118	1000798		4.0	1.00

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

List-I	List-II
Gardens	Established by
(A). Lloyd Botanic garden, Darjeeling	(I). Sir George King
(B). Mughal Garden, Pinjore	(II). Fidai Khan
(C). Lalbagh Botanical Graden, Bengaluru	(III). Raja Abhai Singh
(D). Mandor Garden, Jodhpur	(IV). Hyder Ali

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

119 1000799

Make the correct sequence of steps involve in the seed production of annual flowers?

- (A). Maintenance of genetic purity of crop variety by removal of off-types
- (B). Harvesting of seeds
- (C). Identifying the optimum harvesting stage of crop
- (D). Establishment of parental plant culture
- (E). Pollination management
- (F). Cleaning and storage of seeds

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

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

A1 : 1

4.0 1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

120 1000800

4.0 1.00

Given below are two statements:

Statement (I): Chaffer beetles feed on the leaves of roses and inflict large irregular cuts on the foliage.

Statement (II): Leaf cutting bees inflict neat circular or oval cuts on leaves and do not actually feed on leaves but use them for lining of their mud nest .

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