

PREVIEW QUESTION BANK

Module Name : Fruit Science-ENG
Exam Date : 14-Jul-2023 Batch : 14:30-16:30

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

4 2004

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

5 2005

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

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

A1 : 1

A2 : 2

4.0 1.00

A3 : 3

A4 : 4

Objective Question

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

Objective Question

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

Objective Question

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

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
9	2009	Who built the famous Charminar of Hyderabad? - Krishndev Rai - Muhammad Quli Qutb Shah - Nadir Shah - Aurangzeb A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
10	2010	Who discovered the right triangle? - Pythagoras - Ancient Egyptians - Archimedes - Michelangelo A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
11	2011	Citrus canker is caused by - Virus - Viriod - Bacteria - Fungus	4.0	1.00

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
12	2012	DBM is a specific insect of 1. Brinjal 2. Tomato 3. Cabbage 4. Bottle gourd A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
13	2013	What is the scientific name of mulberry silkworm? 1. Bombyx mori 2. Antherea paphia 3. Antheraea assama 4. Attacus Ricinii A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
14	2014		4.0	1.00

Subject matter of economics are want, effort and

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

15 2015

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

16 2016

The oldest known agroforestry systems is

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

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

Objective Question

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

Objective Question

19	2019		4.0	1.00
----	------	--	-----	------

Water holding capacity is highest in which of the following soils?

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

20 2020

Certified seed is the progeny of

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

21 41001

Based on formation of underground storage organs of vegetable in response to photo period, which of the following is short day?

1. Carrot
2. Onion
3. Potato
4. Cauliflower

A1 : 1

A2 : 2

A3 : 3

4.0 1.00

		A4 : 4		
Objective Question				
22	41002	Which of the following crop is highly tolerant to soil pH with acidic reaction? 1. French bean 2. Onion 3. Garden pea 4. Water melon A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
23	41003	Which of the following is the hottest pepper on the earth? 1. Naga Jolokia 2. Aji 3. Jalapeno 4. Pimiento A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
24	41004	Which among the following is first public sector tropical hybrid of carrot that is developed using CMS system? 1. Pusa Rudhira 2. Pusa Vasuda 3. Pusa Vrishti 4. Pusa Nayanjyoti A1 : 1 A2 : 2	4.0	1.00

A3 : 3

A4 : 4

Objective Question

25	41005	Which of the following vegetable crop is anemophilous? 1. Beet 2. Musk melon 3. Cabbage 4. Lettuce A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

26	41006	Zeero Energy Cool Chamber is based on the principle of 1. Evaporative cooling 2. Air forced cooling 3. Hydro cooling 4. Vacuum cooling A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

27	41007	Scientific name of winter squash is 1. <i>Cucurbita moschata</i> 2. <i>Cucurbita pepo</i> 3. <i>Cucurbita mixta</i> 4. <i>Cucurbita maxima</i> A1 : 1	4.0	1.00
----	-------	--	-----	------

A2 : 2

A3 : 3

A4 : 4

Objective Question

28	41008	Andhra Jyoti is the variety of 1. Tomato 2. Chilli 3. Brinjal 4. Watermelon A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

29	41009	Kashi Tapas is the variety of 1. Garden Pea 2. Tomato 3. Cowpea 4. Chilli A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

30	41010	Which of the following potato variety can tolerate early heat stress ? 1. Kufri Lima 2. Kufri Jeevan 3. Kufri Ashoka 4. Kufri Bahar	4.0	1.00
----	-------	---	-----	------

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

31 41011

Which of the following *Mangifera* species has fruit peeled like a banana?

1. *M. caesia*
2. *M. decandra*
3. *M. indica*
4. *M. pajang*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

32 41012

Which fruit crop bears spur and bourse leaves?

1. Grape
2. Apple
3. Peach
4. Persimmon

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

33 41013

4.0

1.00

Name the vector that transmits pineapple wilt...

1. *Diphornia* sp.
2. *Dysmicoccus* sp.
3. *Bemisia* sp.
4. *Myzus* sp.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

34 41014

Which of the following fruit crop require caprification for effective pollination?

1. Banana
2. Pear
3. Fig
4. Pineapple

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

35 41015

What is the genomic constitution of "Udhayam" banana?

1. AA
2. AAA
3. ABB
4. AAAA

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

36	41016	Which of the following is most stable form of chimera? 1. Mericlinal 2. Periclinal 3. Sectorial 4. Non patterned sectorial A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

37	41017	The "tropism in grafting" was observed in 1. Jamun 2. Karonda 3. Kokum 4. Chironji A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

38	41018	Which of the following crop is being found associated with the term "French Paradox"? 1. Apple 2. Citrus 3. Banana 4. Grape A1 : 1 A2 : 2 A3 : 3	4.0	1.00
----	-------	---	-----	------

A4 : 4

Objective Question

39 41019

Which of the following fruit crop has maximum amount of Vitamin C content?

1. Lime
2. Lemon
3. Mango
4. Guava

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

40 41020

The fruit fasciation is a physiological disorder of

1. Papaya
2. Pineapple
3. Apple
4. Banana

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

41 41021

Mughal Garden at Rashtrapati Bhavan, New Delhi is renamed as

1. Amrit Vatika
2. Amrit Park
3. Amrit Garden
4. Amrit Udyan

A1 : 1

A2 : 2

4.0

1.00

A3 : 3

A4 : 4

Objective Question

42	41022	The best time of rose pruning under North Indian plains is 1. Mid-January 2. Mid-October 3. Mid-March 4. Mid-August A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

43	41023	Ikebana is a Japanese art of 1. Lawn development 2. Garden adornment 3. Flower arrangement 4. Avenue plantation A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

44	41024	Varieties 'Swaran Rekha' and 'Rajat Rekha' has been developed through mutation in which of the following crop? 1. Gerbera 2. Lily 3. Iris 4. Tuberose	4.0	1.00
----	-------	---	-----	------

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
45	41025	Brindavan Garden is located at 1. Coonoor, Tamil Nadu 2. Mysore, Karnataka 3. Darjeeling, West Bengal 4. Lucknow, Uttar Pradesh A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
46	41026	Black spot is a major disease of 1. Carnation 2. Orchid 3. Rose 4. Gerbera A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
47	41027		4.0	1.00

Which of the following is not categorized under flowering trees?

1. *Cassia fistula*
2. *Delonix regia*
3. *Jacaranda mimosaeifolia*
4. *Ficus infectoria*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

48	41028	Carnation belongs to family 1. Asteraceae 2. Iridaceae 3. Malvaceae 4. Caryophyllaceae A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

49	41029	Marigold is native to 1. India 2. Mexico 3. Australia 4. Japan A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

50	41030	Which of the following is suitable for air drying? 1. Lily 2. Gladiolus 3. Statice 4. Amaryllis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

51	41031	Alleppy turmeric is famous for which character? 1. Resistance to disease 2. High yield potential 3. Colour 4. High curcumin content A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

52	41032	Which part of Allspice (<i>Pimenta dioica</i>) is mainly used as spice? 1. Berries 2. Leaves 3. Flowers 4. Bark A1 : 1 A2 : 2 A3 : 3	4.0	1.00
----	-------	---	-----	------

A4 : 4

Objective Question

53	41033	Which of the following major constituent is present in coriander essential oil? 1. α -pinene 2. γ-terpinene 3. <i>trans</i>-anethole 4. Linalool A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

54	41034	Which among the following is not a process of tea processing? 1. Pulping 2. Withering 3. Fermentation 4. Rolling A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

55	41035	Koleroga/Mahali is the disease of which crop? 1. Coconut 2. Cashew 3. Areacnut 4. Cocoa A1 : 1 A2 : 2	4.0	1.00
----	-------	---	-----	------

A3 : 3

A4 : 4

Objective Question

56	41036	Which of the following medicinal plant wherein roots are mainly useful with medicinal properties? 1. Senna 2. Sarpagandha 3. Mucuna 4. Aloe A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

57	41037	The most suitable method for drying aromatic herbs during processing is: 1. Sun drying 2. Oven drying 3. Shade drying 4. Cabinet drying A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

58	41038	The aromatic plant suitable for cultivation in temperate region is: 1. Lemongrass 2. Palmarosha 3. Thymus 4. Citronella	4.0	1.00
----	-------	---	-----	------

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

Objective Question

59	41039	'Diosgenin' is the active principle content found in the roots of: 1. Medicinal Yam 2. <i>Chlorophytum tuberosum</i> 3. <i>Withania somnifera</i> 4. <i>Catharanthus roseus</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

60	41040	Essential oils are extracted from aromatic plant part by using which of the following method? 1. Decoction 2. Distillation 3. Solar drying 4. Grinding A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

61	41041		4.0	1.00
----	-------	--	-----	------

Flatening of eyes maturity index is related to

1. Banana
2. Apple
3. Pineapple
4. Blueberry

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

62	41042	Which storage disease is caused by <i>Penicillium italicum</i> ? 1. Balck rot of grape 2. Finger rot of banana 3. Blue mould rot of citrus 4. Soft rot of strawberry A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

63	41043	What is the ideal cold storage temperature for ripened mango and banana fruit? 1. 10°C 2. 12°C 3. 14°C 4. 16°C A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

64	41044	What is pulp recovery (%) in ripe pineapple fruit ? 1. 11% 2. 22% 3. 33% 4. 44% A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

65	41045	The calyx splitting disorder is associated with which crop ? 1. Rose 2. Gerbera 3. Carnation 4. Anthurium A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

66	41046	Which of the following test determines the end-point in jelly? 1. Jelmeter test 2. Reconstitution test 3. Alcohol test 4. Drop test A1 : 1 A2 : 2 A3 : 3	4.0	1.00
----	-------	---	-----	------

A4 : 4

Objective Question

67	41047	Which of the following compound is responsible for characteristic odour of apple? 1. Eugenol 2. Ethyl 2-methylbutyrate 3. Methyl anthranilate 4. Isopentyl acetate A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

68	41048	The chemical that can inhibit 'sleepiness' in carnation is 1. Silver thiosulphate 2. 8-hydroxyquinoline citrate 3. Aluminium sulphate 4. Sucrose A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	--	-----	------

Objective Question

69	41049	Fruits are treated with 1-methylcyclopropene to 1. Oxidize the produced ethylene 2. Reduce microbial spoilage 3. Eliminate the sources of ethylene 4. Inhibit the action of ethylene A1 : 1 A2 : 2	4.0	1.00
----	-------	--	-----	------

A3 : 3

A4 : 4

Objective Question

70	41050	Which of the following fermented beverage is not prepared from fruit? 1. Cider 2. Boukha 3. Sake 4. Perry A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	-------	---	-----	------

Objective Question

71	1000701	Which of the following mango variety has the highest mangiferin content ? 1. Amrapali 2. Chausa 3. Langra 4. Mallika A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	--	-----	------

Objective Question

72	1000702		4.0	1.00
----	---------	--	-----	------

Which of these factors are primarily associated with the 'choke throat' of banana?

- (A) High temperature
- (B) High Altitude
- (C) Tall varieties
- (D) Dwarf varieties

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

73	1000703	What is the somatic chromosome number of the Pond apple (<i>Annona glabra</i>)? 1. 1.14 2. 2.21 3. 3.28 4. 4.32 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

74	1000704	What should be the ideal TSS/Acid ratio in litchi fruit at the time of harvesting? 1. 30-40 2. 40-50 3. 50-60 4. 60-70	4.0	1.00
----	---------	--	-----	------

		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
75	1000705	Given below are two statements: Statement (I) : Noninfectious bud failure is a genetic disorder that can affect individual almond cultivars of particular parentage. Statement (II) : Noninfectious bud failure's initial symptoms are necrosis of the growing point of vegetative buds during summer and falls. 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				
76	1000706		4.0	1.00

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

Assertion (A) : 'Troyer' or 'Carrizo' citranges (*Citrus sinensis* × *Poncirus trifoliata*) are the most commonly used rootstocks for Shoot Tip Grafting.

Reason (R) : It has the advantage that its trifoliate leaves serve as a morphological marker to distinguish the shoot produced from the grafted shoot-tip.

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

77	1000707	The origin place of Citron (<i>Citrus medica</i> L.) is	4.0	1.00
		1. Africa 2. China 3. India 4. Japan		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

78	1000708		4.0	1.00

Which is/are TRUE for the Satsuma Mandarin?

- (A) Belongs to *Citrus unshiu*
- (B) Owari and Wase are cultivars
- (C) Mostly seedless
- (D) Mostly seeded

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

79 1000709

Arrange the stages of graft union formation in plants from the initial to the successful grafting.

- (A) Necrotic layer/ wound periderm formation.
- (B) Wounding response.
- (C) Callus bridge formation
- (D) Lining up the vascular cambiums of scion-stock.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

80	1000710	The apple rootstock BUD g (Budagovski g) has been developed through 1. Mutation breeding 2. Hybridization 3. Polyploidy breeding 4. Chance Seedling A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

811000711

4.01.00

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

List-I	List-II
Fruit crop	Variety
(A) Bael	(I) Thar Kamal
(B) Karonda	(II) Thar Gaurav
(C) Wood apple	(III) Thar Kranti
(D) Jamun	(IV) Thar Divya

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

82	1000712		4.0	1.00
----	---------	--	-----	------

What is the edible part of Avocado fruit?

1. Exocarp
2. Endocarp
3. Mesocarp
4. Aril

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

83 1000713

4.0 1.00

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

List-I	List-II
Fruit crop	Genome size
(A) Apple	(I) 372 Mbp
(B) Peach	(II) 320.5 Mb
(C) Sweet Orange	(III) 742.3 Mbp
(D) Papaya	(IV) 265 Mbp

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

84 1000714

4.0 1.00

Which of the following fruit is considered as the richest source of riboflavin?

1. Banana
2. Bael
3. Ber
4. Barbados cherry

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

85 1000715

ICAR-FUSICONT has recently developed bio-formulation for managing banana wilt caused by *Fusarium oxysporum* f. sp. cubense Tropical race 4. Which of the following institutes were primarily involved in its development?

1. ICAR-IIHR and ICAR-NRC Banana
2. ICAR-IIHR and ICAR-IARI
3. ICAR-CISH and ICAR-NRC Banana
4. ICAR-CISH and ICAR-CSSRI

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

86 1000716

Which of the following crops does cell division continue up to maturity in the fruits?

1. Ribes and Rubus
2. Avocado and Strawberry
3. Avocado and Cherry
4. Cherry and Strawberry

A1 : 1

A2 : 2

A3 : 3

4.0 1.00

A4 : 4

Objective Question

87 1000717

4.0 1.00

Given below are two statements:

Statement (I) : Walnuts are monoecious with unisexual wind-pollinated flowers.

Statement (II) : *Juglans regia* cultivars are self-fertile, but most of the cultivars have some degree of self-unfruitful because of dichogamy.

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

88 1000718

4.0 1.00

The fruit crop Durian (*Durio zibethinus*) belongs to the family

1. Actinidaceae
2. Bombacaceae
3. Sapindaceae
4. Aracaceae

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

89 1000719

4.0 1.00

Given below are two statements:

Statement (I) : The incompatibility of pear and quince results from the hydrolysis of cyanogenic glycoside (Prunasin) produced by the quince rootstock.

Statement (II) : The incompatible cultivars are more capable of cleaving the cyanogenic glycoside than compatible ones.

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

90	1000720	Which of the following <i>Actinidia</i> species has a completely pink to red skin color?	4.0	1.00
		1. <i>A. deliciosa</i> 2. <i>A. eriantha</i> 3. <i>A. latifolia</i> 4. <i>A. purpuria</i>		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

91	1000721	Which of the following compound is used for the uniform dehulling of walnuts?	4.0	1.00
		1. Gibberellic acid 2. Ethrel 3. AgNO₃ 4. ABA		

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

Objective Question

92	1000722	Which of the following <i>Musa</i> species is popularly known as the ‘walking banana’? 1. <i>Musa balbisiana</i> 2. <i>Musa coccinea</i> 3. <i>Musa itinerans</i> 4. <i>Musa textilis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	---	-----	------

Objective Question

93	1000723	The grape berries contain the highest amount of 1. Nitrogen 2. Phosphorus 3. Potash 4. Sulphur A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
----	---------	--	-----	------

Objective Question

94	1000724		4.0	1.00
----	---------	--	-----	------

Recently, which of the following state was awarded the Geographical Indication of 'Kuttiattoor Mango'?

1. Tamilnadu
2. Telangana
3. Andhra Pradesh
4. Kerala

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

95 1000725

Which of the following is vital for the induction of indirect somatic embryogenesis in plants?

1. High auxin
2. High ethy kne
3. High gibberellic acid
4. High abscisic acid

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

96 1000726

Which is a donor for the dwarfness and small seediness in date palm breeding?

1. *Phoenix atlantica*
2. *Phoenix dactylifera*
3. *Phoenix humilis*
4. *Phoenix sylvestris*

A1 : 1

A2 : 2

A3 : 3

4.0 1.00

A4 : 4

Objective Question

97 1000727

Nitidulid beetle is a effective pollinator for which of the following fruit crop?

1. Jackfruit
2. Avocado
3. Custard apple
4. Kiwifruit

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

98 1000728

In which fruit crop the shortening of the period from fruit setting to maturity is one of the important breeding objectives?

1. Guava
2. Sapota
3. Pomegranate
4. Ber

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

99 1000729

What is the life-span of plum spur?

1. 1-2 years
2. 3-5 years
3. 5-8 years
4. 8-12 years

A1 : 1

4.0

1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

100 1000730

4.0 1.00

Which of the following is/are NOT associated with the "Banglore Blue" grape?

- (A) It is a labrusca type
- (B) Mildews and anthracnose resistance
- (C) Earliest ripening
- (D) Late ripening
- (E) Foxy flavour

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

101 1000731

4.0 1.00

Which is a family relative of Jaboticaba?

1. Apple
2. Grape
3. Guava
4. Pineapple

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

102	1000732	Which is/are NOT TRUE for <i>Vasconcellea quercifolia</i>? (A) Oak like leaves (B) High Papain content than <i>Carica papaya</i> (C) Less papain content than <i>Carica papaya</i> (D) Hardy than <i>Vasconcellea candamarcensis</i> Choose the correct answer from the options given below: (A), (B) and (D) only. (A) and (D) only. (B) only. (C) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	---	-----	------

Objective Question

1031000733

4.01.00

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

List-I	List-II
Trait in apple	Source species/genotype
(A) Apetaly	(I) Coop 11
(B) Burrknots	(II) <i>Malus</i> × <i>zumi</i> (MAL 68/5)
(C) Bitter pit	(III) Spencer Seedless
(D) <i>Podosphaera leucotricha</i> resistance	(IV) Northern Spy

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

104	1000734	Given below are two statements: Statement (I) : The <i>Passiflora edulis forma flavicarpa</i> is most suited to tropical conditions; therefore, it is recommended for cultivation in plains. Statement (II) : The yellow passionfruit is more tolerant to many soil-borne diseases and pests than the purple passionfruit. 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

105	1000735	'Palmette', 'Solan' and 'Ebro' are type of - Irrigation systems - Planting systems - Trellis systems - Spraying systems A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	---	-----	------

Objective Question

106	1000736		4.0	1.00
-----	---------	--	-----	------

What is the exact sex dominance allelic relationship in grapes?

1. $M > M^h > m$
2. $m > M^h > M$
3. $M^h > m > M$
4. $M^h > M > m$

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

107 1000737

4.0 1.00

Given below are two statements:

Statement (I) : Cisgenesis is the advancement of genetic engineering and allows the gene (s) only from cross-compatible individuals.

Statement (II) : The true cisgenic line also allows foreign gene (s) and selectable marker gene (s) in the final product.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

108 1000738

4.0 1.00

Given below are two statements:

Statement (I) : The cultivars of *Pyrus ussuriensis* are most susceptible to winter injury among all pear cultivars.

Statement (II) : The *Pyrus pyrifolia* is the most cold-hardy among the pear 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 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

109 1000739

4.0 1.00

Given below are two statements:

Statement (I) : The non-astringent persimmon cultivars have high chilling requirements.

Statement (II) : The non-astringent persimmon cultivars do not produce higher-quality fruits in warm subtropical regions.

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

110 1000740

4.0 1.00

Arrange the fruit crops according to their Vitamin A content (lowest to highest)

- (A) Mango
- (B) Guava
- (C) Persimmon
- (D) Papaya

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

111 1000741

Which of the following pair of fruit crops is most tolerant for saline /sodic soil?

- 1. Ber and Date palm
- 2. Aonla and Custard apple
- 3. Citrus and Guava
- 4. Banana and Mango

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

112 1000742

4.0 1.00

Which of the following country has conducted the first human trial to test the efficacy of a genetically modified (GM) nutritionally enhanced Vitamin A Super Banana?

1. Australia
2. USA
3. Uganada
4. China

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

113	1000743	The occurrence of agamospermy has been reported in which fruit crop? 1. Jackfruit 2. Anola 3. Mango 4. Guava A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	--	-----	------

Objective Question

114	1000744	Which mango cultivar is the third generation selection of 'Mulgoba'? 1. Haden 2. Irwin 3. Keitt 4. Lippens A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	--	-----	------

Objective Question

115	1000745	Which of the following fruit crop is positive photoblastic? 1. Apple 2. Avacado 3. Blueberry 4. Banana A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	--	-----	------

Objective Question

116	1000746	Given below are two statements: Statement (I) : Natural Parthenocarpy is not very common in mango. In Dashehari, natural parthenocarpy has been found to occur to a certain degree. Statement (II) : Low temperature coupled with reduced pollinator activities, absence of pollinizers and enhanced selfing largely contributed towards parthenocarpy in mango. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 1. Both Statement (I) and Statement (II) are true. 2. Both Statement (I) and Statement (II) are false. 3. Statement (I) is true but Statement (II) is false. 4. Statement (I) is false but Statement (II) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
-----	---------	--	-----	------

Objective Question

117	1000747		4.0	1.00
-----	---------	--	-----	------

What is the minimum percentage of pollinizer required in apple?

1. 11
2. 22
3. 33
4. 44

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

118 1000748

4.0 1.00

Given below are two statements about Pecan (*Carya illinoensis*) as a monoecious tree:

Statement (I) : Pistillate flowers are borne in terminal spikes on new shoot growth.

Statement (II) : Pendulous staminate inflorescences are borne on the base of the shoot and along the length of the supporting 1-year-old wood.

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

119 1000749

4.0 1.00

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

List-I	List-II
Fruit crop	Associated scientist/ worker
(A) Apple	(I) Hofmeyr (1939)
(B) Mango	(II) Watt (1891)
(C) Papaya	(III) Luckwill (1953)
(D) Grape	(IV) Winkler (1965)

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

120 1000750

"Impietratura" is a viral disease of

- Mango
- Citrus
- Grape
- Guava

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00