

# ICAR JRF Horticulture Paper - 2020



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## ICAR PG JRF Exam 23rd Sep 2020

Application No.	
Candidate Name	
Roll No.	
Test Date	23/09/2020
Test Time	10:00 AM - 12:00 PM
Subject	HORTICULTURE

Section : HORTICULTURE

**Q.1** Seed crops of coriander should be harvested when

1. 10% turn yellow
2. 30% turn yellow
3. 50% turn yellow
4. 70% turn yellow

**Options** 1. 1

2. 2
3. 3
4. 4

**C**

Question Type : **MCQ**

Question ID : **2105291224**

Option 1 ID : **2105294893**

Option 2 ID : **2105294894**

Option 3 ID : **2105294895**

Option 4 ID : **2105294896**

Status : **Not Answered**

Chosen Option : --

**Q.2** Given below are two statements

**Statement I:** Rangpur lime (*Citrus limonia*) is considered as most suitable rootstock for Nagpur mandarin

**Statement II:** This rootstock does not have resistance to gummosis and root rot

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is correct but Statement II is false
4. Statement I is incorrect but Statement II is true

**C**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291182**

Option 1 ID : **2105294725**

Option 2 ID : **2105294726**

Option 3 ID : **2105294727**

Option 4 ID : **2105294728**

Status : **Answered**

Chosen Option : **3**

**Q.3** Pithiness is the physiological disorders of which one of the following vegetables?

1. Radish
2. Tomato
3. Cucumber
4. Sweet potato

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291200**

Option 1 ID : **2105294797**

Option 2 ID : **2105294798**

Option 3 ID : **2105294799**

Option 4 ID : **2105294800**

Status : **Answered**

Chosen Option : **1**

**Q.4**

The export of which one of the following Basmati rice varieties earns the highest share of foreign exchange of total rice exports?

1. Pusa 1121
2. Improved Pusa Basmati
3. Pusa Basmati 1
4. Pusa 1509

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**  
Question ID : **2105291147**  
Option 1 ID : **2105294585**  
Option 2 ID : **2105294586**  
Option 3 ID : **2105294587**  
Option 4 ID : **2105294588**  
Status : **Answered**  
Chosen Option : **3**

**Q.5**

Cole crops are considered to have evolved from which of the following common ancestor?

1. *Brassica oleracea var.capitata*
2. *Brassica oleracea var.sylvestris*
3. *Brassica oleracea var.italica*
4. *Brassica oleracea var.acephala*

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**  
Question ID : **2105291210**  
Option 1 ID : **2105294837**  
Option 2 ID : **2105294838**  
Option 3 ID : **2105294839**  
Option 4 ID : **2105294840**  
Status : **Answered**  
Chosen Option : **4**

**Q.6** Melting flesh peaches mesocarp undergo softening at

1. First stage of ripening
2. Mid stage of ripening
3. Last stage of ripening
4. Senescence phase

**C**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291167**

Option 1 ID : **2105294665**

Option 2 ID : **2105294666**

Option 3 ID : **2105294667**

Option 4 ID : **2105294668**

Status : **Not Answered**

Chosen Option : --

**Q.7** The most suitable vegetable to be grown in saline soil is

1. Cabbage
2. Watermelon
3. Potato
4. Beet

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291185**

Option 1 ID : **2105294737**

Option 2 ID : **2105294738**

Option 3 ID : **2105294739**

Option 4 ID : **2105294740**

Status : **Answered**

Chosen Option : **1**

**Q.8** Maintenance of gynoecious muskmelon line can be done by the application of

1. MCEB
2. NAA
3. GA3
4. PCPA

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291227**

Option 1 ID : **2105294905**

Option 2 ID : **2105294906**

Option 3 ID : **2105294907**

Option 4 ID : **2105294908**

Status : **Answered**

Chosen Option : **4**

**Q.9** Match List I with List II

<b>List I</b>	<b>List II</b>
A. Gladiolus	I. Caryophyllaceae
B. Marigold	II. Asparagaceae
C. Tuberose	III. Iridaceae
D. Carnation	IV. Asteraceae

**D**

Choose the correct answer from the options given below:

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

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291259**

Option 1 ID : **2105295033**

Option 2 ID : **2105295034**

Option 3 ID : **2105295035**

Option 4 ID : **2105295036**

Status : **Answered**

Chosen Option : **4**

**Q.10** In which of the following temperate fruit crop, the double growth curve is followed?

1. Apple
2. Pear
3. Peach
4. Plum

**Options** 1. 1

2. 2
3. 3
4. 4

**C**

Question Type : **MCQ**  
Question ID : **2105291198**  
Option 1 ID : **2105294789**  
Option 2 ID : **2105294790**  
Option 3 ID : **2105294791**  
Option 4 ID : **2105294792**  
Status : **Answered**  
Chosen Option : 1

**Q.11** Which of the following is foliage annual?

1. Kochia
2. Ice plant
3. Marigold
4. Zinia

**Options** 1. 1

2. 2
3. 3
4. 4

**A**

Question Type : **MCQ**  
Question ID : **2105291250**  
Option 1 ID : **2105294997**  
Option 2 ID : **2105294998**  
Option 3 ID : **2105294999**  
Option 4 ID : **2105295000**  
Status : **Answered**  
Chosen Option : 4

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**Q.12** In which system of training, trees are trained to form a V shape?

1. Vertical Centre
2. Kniffin System
3. Tatura trellis
4. Spindle bush

**C**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291172**

Option 1 ID : **2105294685**

Option 2 ID : **2105294686**

Option 3 ID : **2105294687**

Option 4 ID : **2105294688**

Status : **Answered**

Chosen Option : **3**

**Q.13** Solasodine is present in

1. Tomato
2. Brinjal
3. Garlic
4. Onion

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291216**

Option 1 ID : **2105294861**

Option 2 ID : **2105294862**

Option 3 ID : **2105294863**

Option 4 ID : **2105294864**

Status : **Answered**

Chosen Option : **2**



**Q.14** Grafting in vegetable crops is useful for managing

1. *Fusarium* wilt
2. Bud necrosis virus
3. Mites
4. Downey mildew

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291214**

Option 1 ID : **2105294853**

Option 2 ID : **2105294854**

Option 3 ID : **2105294855**

Option 4 ID : **2105294856**

Status : **Answered**

Chosen Option : **2**

**Q.15** Girdling is generally practiced in case of

1. Mango
2. Grapes
3. Papaya
4. Guava

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291157**

Option 1 ID : **2105294625**

Option 2 ID : **2105294626**

Option 3 ID : **2105294627**

Option 4 ID : **2105294628**

Status : **Answered**

Chosen Option : **2**

**Q.16** Given below are two statements

**Statement I:** A guava wilt resistant rootstock have been developed by crossing *Psidium mole* x *Psidium guajava*

**Statement II:** Root-knot nematodes (*Meloidogyne*) has become a serious threat to guava as it causes a reduction in plant vigour and wilting of leaves

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

**A**

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is correct but Statement II is false
4. Statement I is incorrect but Statement II is true

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291160**

Option 1 ID : **2105294637**

Option 2 ID : **2105294638**

Option 3 ID : **2105294639**

Option 4 ID : **2105294640**

Status : **Answered**

Chosen Option : **1**

**Q.17**

Given below are two statements

**Statement I:** The rice variety Pusa 1460 was developed by marker assisted selection (MAS).

**Statement II:** The genes for bacterial blight resistance have been introgressed in Pusa Basmati 1

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

**C**

1. Statement I is correct but Statement II is false
2. Both Statement I and Statement II are false
3. Both Statement I and Statement II are true
4. Statement I is incorrect but Statement II is true

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291149**

Option 1 ID : **2105294593**

Option 2 ID : **2105294594**

Option 3 ID : **2105294595**

Option 4 ID : **2105294596**

Status : **Answered**

Chosen Option : **3**

**Q.18** Which of the following is salinity tolerant rootstock of mango?

1. Vellai Kollumban
2. Rumani
3. Kurukkan
4. Olour

**C & D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291177**

Option 1 ID : **2105294705**

Option 2 ID : **2105294706**

Option 3 ID : **2105294707**

Option 4 ID : **2105294708**

Status : **Answered**

Chosen Option : **3**

**Q.19** Flame of the Forest is botanically known as

1. *Callistemon lanceolatus*
2. *Cassia fistula*
3. *Butea monosperma*
4. *Cassia javanica*

**C**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291247**

Option 1 ID : **2105294985**

Option 2 ID : **2105294986**

Option 3 ID : **2105294987**

Option 4 ID : **2105294988**

Status : **Answered**

Chosen Option : **3**

Q.20 Match List I with List II

List I	List II
A. Granulation	I. Mango
B. Black Tip	II. Citrus
C. Fruit cracking	III. Grapes
D. Pink blush	IV. Tomato

**A**

Choose the correct answer from the options given below

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

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291162**

Option 1 ID : **2105294645**

Option 2 ID : **2105294646**

Option 3 ID : **2105294647**

Option 4 ID : **2105294648**

Status : **Answered**

Chosen Option : 1

Q.21 Hollyhock and sweet pea are suitable annuals for

1. Hanging basket
2. Screening purpose
3. Oil extraction
4. Rockery

**B**

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291249**

Option 1 ID : **2105294993**

Option 2 ID : **2105294994**

Option 3 ID : **2105294995**

Option 4 ID : **2105294996**

Status : **Answered**

Chosen Option : 1

**Q.22** Which of the following crop is most prone to red spider mite?

1. Carnation
2. Tuberose
3. Gladiolus
4. Calendula

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291256**

Option 1 ID : **2105295021**

Option 2 ID : **2105295022**

Option 3 ID : **2105295023**

Option 4 ID : **2105295024**

Status : **Answered**

Chosen Option : **1**

**Q.23** Vesicular arbuscular mycorrhiza are

1. Free living organisms
2. Obligate symbiont
3. Facultative symbiont
4. Obligate parasite

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291151**

Option 1 ID : **2105294601**

Option 2 ID : **2105294602**

Option 3 ID : **2105294603**

Option 4 ID : **2105294604**

Status : **Answered**

Chosen Option : **1**

**Q.24** National Botanical Research Institute is located at

1. New Delhi
2. Lucknow
3. Vadodara
4. Chennai

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291236**

Option 1 ID : **2105294941**

Option 2 ID : **2105294942**

Option 3 ID : **2105294943**

Option 4 ID : **2105294944**

Status : **Answered**

Chosen Option : **2**

**Q.25** Match List I with List II

<b>List I</b>	<b>List II</b>
A. Khaira disease of rice	I. Copper
B. Brown heart in radish	II. Chloride
C. Herring bone disease of tomato	III. Zn deficiency
D. Stem melanosis disease of wheat	IV. Phosphorus

**A**

Choose the correct answer from the options given below

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

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291150**

Option 1 ID : **2105294597**

Option 2 ID : **2105294598**

Option 3 ID : **2105294599**

Option 4 ID : **2105294600**

Status : **Answered**

Chosen Option : **1**

**Q.26** The optimum average daily temperature for wheat sowing is

1. 22-23°C
2. 15-20°C
3. 25-27°C
4. 28-30°C

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291143**

Option 1 ID : **2105294569**

Option 2 ID : **2105294570**

Option 3 ID : **2105294571**

Option 4 ID : **2105294572**

Status : **Answered**

Chosen Option : **3**

**Q.27** Match List I with List II

<b>List I</b>	<b>List II</b>
A. Berry elongation in grapes	I. IBA
B. Single Sigmoid Curve	II. GA <sub>3</sub>
C. Induce rooting	III. <i>Mallus domestica</i>
D. Veraison stage in grape	IV. Onset of ripening

Choose the correct answer from the options given below

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

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291187**

Option 1 ID : **2105294745**

Option 2 ID : **2105294746**

Option 3 ID : **2105294747**

Option 4 ID : **2105294748**

Status : **Answered**

Chosen Option : **4**

**Q.28** Application of Remote sensing and GIS based technologies are essential for

1. Integrated Farming
2. Intensive Farming
3. Precision Farming
4. Mixed Farming

C

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291148**

Option 1 ID : **2105294589**

Option 2 ID : **2105294590**

Option 3 ID : **2105294591**

Option 4 ID : **2105294592**

Status : **Answered**

Chosen Option : **1**

**Q.29** Given below are two statements

**Statement I:** Cytokinin promotes chloroplast development and chlorophyll synthesis

**Statement II:** Cytokinin delays senescence of cut flowers

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is correct but Statement II is false
4. Statement I is incorrect but Statement II is true

A

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291183**

Option 1 ID : **2105294729**

Option 2 ID : **2105294730**

Option 3 ID : **2105294731**

Option 4 ID : **2105294732**

Status : **Answered**

Chosen Option : **1**



**Q.30** Woody or semi woody perennial plants with little or no trunk are known as

1. Herb
2. Shrub
3. Tree
4. Annual

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291251**

Option 1 ID : **2105295001**

Option 2 ID : **2105295002**

Option 3 ID : **2105295003**

Option 4 ID : **2105295004**

Status : **Answered**

Chosen Option : **2**

**Q.31** Which direction should be preferred for the planting of windbreak to protect orchards from strong winds?

1. South-West
2. North-East
3. South-East
4. North-West

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291155**

Option 1 ID : **2105294617**

Option 2 ID : **2105294618**

Option 3 ID : **2105294619**

Option 4 ID : **2105294620**

Status : **Answered**

Chosen Option : **4**

**Q.32** Which was the first Hybrid Tea Rose developed in the world?

1. La France
2. Pixie
3. Gold Star
4. Queen Elizabeth

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**  
Question ID : **2105291240**  
Option 1 ID : **2105294957**  
Option 2 ID : **2105294958**  
Option 3 ID : **2105294959**  
Option 4 ID : **2105294960**  
Status : **Answered**  
Chosen Option : **1**

**Q.33** Given below are two statements

**Statement I:** Gynoecious line of bitter melon has been developed in India

**Statement II:** Hybrids developed by use of gynoecious line will have predominantly gynoecious sex form

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

1. Statement I is correct but Statement II is false
2. Statement I is incorrect and Statement II is true
3. Both Statement I and Statement II are false
4. Both Statement I and Statement II are true

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**  
Question ID : **2105291234**  
Option 1 ID : **2105294933**  
Option 2 ID : **2105294934**  
Option 3 ID : **2105294935**  
Option 4 ID : **2105294936**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : **--**

**Q.34** The botanical term of banana inflorescence is

1. Thyse
2. Catkin
3. Hypanthodium
4. Spadix

**A**

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ  
Question ID : 2105291169  
Option 1 ID : 2105294673  
Option 2 ID : 2105294674  
Option 3 ID : 2105294675  
Option 4 ID : 2105294676  
Status : Answered  
Chosen Option : 4

**Q.35** Removal of field heat of flowers by keeping them at lower temperature is known as

1. Stratification
2. Hardening
3. Pulsing
4. Pre-cooling

**D**

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ  
Question ID : 2105291254  
Option 1 ID : 2105295013  
Option 2 ID : 2105295014  
Option 3 ID : 2105295015  
Option 4 ID : 2105295016  
Status : Answered  
Chosen Option : 4

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**Q.36** Which of the following are informal style gardens?

- A. English
- B. Persian
- C. Mughal
- D. Japanese

Choose the correct answer from the options given below:

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

**B**

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **2105291260**

Option 1 ID : **2105295037**

Option 2 ID : **2105295038**

Option 3 ID : **2105295039**

Option 4 ID : **2105295040**

Status : **Answered**

Chosen Option : **2**

**Q.37** The most common sex form of tapioca is

- 1. Monoecious
- 2. Dioecious
- 3. Bisexual
- 4. Gynoecious

**A**

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **2105291213**

Option 1 ID : **2105294849**

Option 2 ID : **2105294850**

Option 3 ID : **2105294851**

Option 4 ID : **2105294852**

Status : **Answered**

Chosen Option : **2**

**Q.38** 2, 4 - Dichlorophenoxy acetic acid (2, 4-D) is a

- A. Growth regulator
- B. Mutagen
- C. Gaseous hormone
- D. Herbicide

**D**

Choose the correct answer from the options given below:

- 1. A & B only
- 2. B & C only
- 3. C & D only
- 4. A & D only

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **2105291161**

Option 1 ID : **2105294641**

Option 2 ID : **2105294642**

Option 3 ID : **2105294643**

Option 4 ID : **2105294644**

Status : **Answered**

Chosen Option : **4**

**Q.39** Which one of the following is known as 'mood food'?

- 1. Watermelon
- 2. Muskmelon
- 3. Red Cherry
- 4. Datepalm

**A**

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **2105291208**

Option 1 ID : **2105294829**

Option 2 ID : **2105294830**

Option 3 ID : **2105294831**

Option 4 ID : **2105294832**

Status : **Answered**

Chosen Option : **3**

**Q.40** ZW-20 which expresses the coat protein (CP) gene is a transgenic line of

1. Cucumber
2. Summer squash
3. Watermelon
4. Muskmelon

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**  
Question ID : **2105291204**  
Option 1 ID : **2105294813**  
Option 2 ID : **2105294814**  
Option 3 ID : **2105294815**  
Option 4 ID : **2105294816**  
Status : **Answered**  
Chosen Option : **3**

**Q.41** Match List I with List II

<b>List I</b>	<b>List II</b>
A. Bitter pit	I. Zinc
B. Little leaf	II. Calcium
C. Fruit cracking	III. Potassium
D. Marginal burning of leaf	IV. Boron

**B**

Choose the correct answer from the options given below

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

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**  
Question ID : **2105291163**  
Option 1 ID : **2105294649**  
Option 2 ID : **2105294650**  
Option 3 ID : **2105294651**  
Option 4 ID : **2105294652**  
Status : **Answered**  
Chosen Option : **2**

**Q.42** Given below are two statements

**Statement I:** Whiptail is a physiological disorder of cole crops caused by a deficiency of Molybdenum

**Statement II:** It occurs frequently in saline and alkaline soils

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

1. Both Statement I and Statement II are true
2. Statement I is correct but Statement II is false
3. Both Statement I and Statement II are false
4. Statement I is incorrect but Statement II is true

**Options** 1. 1

2. 2
3. 3
4. 4

**B**

Question Type : **MCQ**

Question ID : **2105291199**

Option 1 ID : **2105294793**

Option 2 ID : **2105294794**

Option 3 ID : **2105294795**

Option 4 ID : **2105294796**

Status : **Answered**

Chosen Option : **1**

**Q.43** Which one of the following is a coloured seeded variety of grape?

1. Sonaka
2. Manik Chaman
3. Tas-A-Ganesh
4. Bangalore Blue

**Options** 1. 1

2. 2
3. 3
4. 4

**D**

Question Type : **MCQ**

Question ID : **2105291180**

Option 1 ID : **2105294717**

Option 2 ID : **2105294718**

Option 3 ID : **2105294719**

Option 4 ID : **2105294720**

Status : **Answered**

Chosen Option : **4**

**Q.44** Which of the following is most commonly used rooting hormone?

1. BAP
2. IBA
3. ABA
4. GA<sub>3</sub>

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291253**

Option 1 ID : **2105295009**

Option 2 ID : **2105295010**

Option 3 ID : **2105295011**

Option 4 ID : **2105295012**

Status : **Answered**

Chosen Option : **2**

**Q.45** MDU-1 is a variety of chilli developed through

1. Pure line Selection
2. Mutation breeding
3. Mass Selection
4. Pedigree method

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291217**

Option 1 ID : **2105294865**

Option 2 ID : **2105294866**

Option 3 ID : **2105294867**

Option 4 ID : **2105294868**

Status : **Answered**

Chosen Option : **3**



**Q.46** Given below are two statements:

**Statement I:** Leaf curl of tomato caused by ToLCNDV is a serious disease of North India

**Statement II:** ToLCNDV is a monopartite virus

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

1. Statement I is correct but Statement II is false
2. Both Statement I and Statement II are true
3. Both Statement I and Statement II are false
4. Statement I is incorrect and Statement II is true

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291233**

Option 1 ID : **2105294929**

Option 2 ID : **2105294930**

Option 3 ID : **2105294931**

Option 4 ID : **2105294932**

Status : **Answered**

Chosen Option : 1

**Q.47** The parentage of muskmelon cultivar, Punjab Hybrid is

1. Ms-1 x Durgapur Madhu
2. Ms-2 x Hara Madhu
3. Ms-1 x Hara Madhu
4. Ms -1 x Durgapur Madhu

**C**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291206**

Option 1 ID : **2105294821**

Option 2 ID : **2105294822**

Option 3 ID : **2105294823**

Option 4 ID : **2105294824**

Status : **Answered**

Chosen Option : 4

**Q.48** Mango is subjected to hot water treatment before export to manage

1. Fruit Fly
2. Viruses
3. Anthracnose
4. Spongy tissue

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**  
Question ID : **2105291179**  
Option 1 ID : **2105294713**  
Option 2 ID : **2105294714**  
Option 3 ID : **2105294715**  
Option 4 ID : **2105294716**  
Status : **Answered**  
Chosen Option : **4**

**Q.49** Which of the following chemicals is used for doubling of chromosomes?

1. MH
2. CCC
3. NAA
4. Colchicine

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**  
Question ID : **2105291215**  
Option 1 ID : **2105294857**  
Option 2 ID : **2105294858**  
Option 3 ID : **2105294859**  
Option 4 ID : **2105294860**  
Status : **Answered**  
Chosen Option : **4**

**Q.50** Which of the following is warm season turfgrass?

1. Zoysia
2. Rye
3. Kentucky blue
4. Creeping bent

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291252**

Option 1 ID : **2105295005**

Option 2 ID : **2105295006**

Option 3 ID : **2105295007**

Option 4 ID : **2105295008**

Status : **Answered**

Chosen Option : **1**

**Q.51** Which of the following is a temperate orchid?

1. *Cymbidium*
2. *Oncidium*
3. *Vanda*
4. *Aerids*

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291245**

Option 1 ID : **2105294977**

Option 2 ID : **2105294978**

Option 3 ID : **2105294979**

Option 4 ID : **2105294980**

Status : **Answered**

Chosen Option : **1**

**Q.52** The number of genotypes in a  $F_2$  population of digenic cross would be

1. 4
2. 9
3. 16
4. 8

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291193**

Option 1 ID : **2105294769**

Option 2 ID : **2105294770**

Option 3 ID : **2105294771**

Option 4 ID : **2105294772**

Status : **Answered**

Chosen Option : **3**

**Q.53** The first bi-specific origin of Banana was suggested by

1. Lineaus
2. Simmonds
3. Cheesman
4. Kurz

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291176**

Option 1 ID : **2105294701**

Option 2 ID : **2105294702**

Option 3 ID : **2105294703**

Option 4 ID : **2105294704**

Status : **Answered**

Chosen Option : **3**

Q.54

Which crop does **NOT** have a chilling requirement for flowering?

1. Cabbage
2. Tulip
3. Beet Leaf
4. Beetroot

C

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291154

Option 1 ID : 2105294613

Option 2 ID : 2105294614

Option 3 ID : 2105294615

Option 4 ID : 2105294616

Status : Answered

Chosen Option : 2

Q.55 Sauerkraut is prepared from

1. Cucumber
2. Cabbage
3. Tomato
4. Carrot

B

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291226

Option 1 ID : 2105294901

Option 2 ID : 2105294902

Option 3 ID : 2105294903

Option 4 ID : 2105294904

Status : Answered

Chosen Option : 2

Q.56 Match List I with List II

List I	List II
A. Monoecious	I. Ridge gourd (Satputia)
B. Dioecious	II. Cucumber
C. Gynoecious	III. Pumpkin
D. Hermaphrodite	IV. Pointed gourd

Choose the correct answer from the options given below:

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

A

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291229

Option 1 ID : 2105294913

Option 2 ID : 2105294914

Option 3 ID : 2105294915

Option 4 ID : 2105294916

Status : Answered

Chosen Option : 1

Q.57 Given below are two statements:

**Statement I:** Tuberose is susceptible to root-knot nematode

**Statement II:** Root-knot nematode in tuberose can be minimized or controlled by crop rotation with marigold

In the 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 correct but Statement II is false
4. Statement I is incorrect but Statement II is true

A

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291257

Option 1 ID : 2105295025

Option 2 ID : 2105295026

Option 3 ID : 2105295027

Option 4 ID : 2105295028

Status : Answered

Chosen Option : 1

**Q.58** Match **List I** with **List II**

<b>List I</b>	<b>List II</b>
A. Lycopene	I. Beetroot
B. Beta cyanin	II. Carrot
C. Beta carotene	III. Chilli
D. Capsanthin	IV. Watermelon

Choose the correct answer from the options given below:

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

**Options** 1. 1

2. 2
3. 3
4. 4

**B**

Question Type : **MCQ**

Question ID : **2105291231**

Option 1 ID : **2105294921**

Option 2 ID : **2105294922**

Option 3 ID : **2105294923**

Option 4 ID : **2105294924**

Status : **Answered**

Chosen Option : **2**

Q.59 Match List I with List II

List I	List II
A. Cut Spray type	I. Snow Ball
B. Cut standard type	II. Ravi Kiran
C. Garland purpose type	III. Birbal Sahani
D. Pot mums type	IV. Pusa Sona

Choose the correct answer from the options given below

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

Options 1. 1

2. 2
3. 3
4. 4

**B & C**

Question Type : MCQ

Question ID : 2105291242

Option 1 ID : 2105294965

Option 2 ID : 2105294966

Option 3 ID : 2105294967

Option 4 ID : 2105294968

Status : Answered

Chosen Option : 1

Q.60 The progenitor of cultivated cucumber is

1. *Cucumis humifractus*
2. *Cucumis htyivus*
3. *Cucumis metuliferus*
4. *Cucumis sativus var. hardwickii*

Options 1. 1

2. 2
3. 3
4. 4

**D**

Question Type : MCQ

Question ID : 2105291209

Option 1 ID : 2105294833

Option 2 ID : 2105294834

Option 3 ID : 2105294835

Option 4 ID : 2105294836

Status : Answered

Chosen Option : 4



Q.61

One year old apple trees consisting of a single stem are known as

1. Whip
2. Vertigo
3. Feather
4. Monarch

**A**

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291174**

Option 1 ID : **2105294693**

Option 2 ID : **2105294694**

Option 3 ID : **2105294695**

Option 4 ID : **2105294696**

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

Q.62 Which among the following is the richest source of carbohydrates?

1. Date palm
2. Bael
3. Banana
4. Custard apple

**A**

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291165**

Option 1 ID : **2105294657**

Option 2 ID : **2105294658**

Option 3 ID : **2105294659**

Option 4 ID : **2105294660**

Status : **Answered**

Chosen Option : **3**

**Q.63** The preservation of cell, tissues and organs of a plant under ultra-low temperature ( $-196^{\circ}\text{C}$ ) is called

1. Hyperbolic preservation
2. Liquid preservation
3. Hypobolic preservation
4. Cryopreservation

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291141**

Option 1 ID : **2105294561**

Option 2 ID : **2105294562**

Option 3 ID : **2105294563**

Option 4 ID : **2105294564**

Status : **Answered**

Chosen Option : **4**

**Q.64** The local Indian traditional drink "Kanji" is

1. A fermented spiced beverage made from the juice of black carrots
2. A non-fermented spiced beverage made from the juice of black carrots
3. Fermented juice of beetroot
4. Fermented juice of orange carrot

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291228**

Option 1 ID : **2105294909**

Option 2 ID : **2105294910**

Option 3 ID : **2105294911**

Option 4 ID : **2105294912**

Status : **Answered**

Chosen Option : **1**

**Q.65** Which one of the following is a pre-emergence herbicide?

- A. Atrazine
- B. Pendimethalin
- C. Glyphosate
- D. 2, 4-D

Choose the correct answer from the options given below:

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

**C**

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**  
Question ID : **2105291146**  
Option 1 ID : **2105294581**  
Option 2 ID : **2105294582**  
Option 3 ID : **2105294583**  
Option 4 ID : **2105294584**  
Status : **Answered**  
Chosen Option : **2**

**Q.66** In stone fruit, the period of suspended growth coincides with

- 1. Fall of sepals
- 2. Final swell
- 3. Pith softening
- 4. Pith hardening

**D**

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**  
Question ID : **2105291175**  
Option 1 ID : **2105294697**  
Option 2 ID : **2105294698**  
Option 3 ID : **2105294699**  
Option 4 ID : **2105294700**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : **--**

**Q.67** Rani Sahiba is a variety of

1. Rose
2. Chrysanthemum
3. Orchid
4. Carnation

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**  
Question ID : **2105291241**  
Option 1 ID : **2105294961**  
Option 2 ID : **2105294962**  
Option 3 ID : **2105294963**  
Option 4 ID : **2105294964**  
Status : **Not Answered**  
Chosen Option : --

**Q.68** Given below are two statements

**Statement I:** Pineapple is separated from other genera of family Bromeliaceae on the basis of the syncarpous type of fruit

**Statement II:** Its juice contains a very low amount of a digestive enzyme bromelin

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is correct but Statement II is false
4. Statement I is incorrect but Statement II is true

**C**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**  
Question ID : **2105291164**  
Option 1 ID : **2105294653**  
Option 2 ID : **2105294654**  
Option 3 ID : **2105294655**  
Option 4 ID : **2105294656**  
Status : **Answered**  
Chosen Option : **4**

**Q.69** If crosses were made with 8 parents in the diallel mating system (excluding reciprocals), what would be total numbers of  $F_1$ 's?

1. 56
2. 64
3. 32
4. 28

**Options** 1. 1

2. 2
3. 3
4. 4

**D**

Question Type : **MCQ**

Question ID : **2105291192**

Option 1 ID : **2105294765**

Option 2 ID : **2105294766**

Option 3 ID : **2105294767**

Option 4 ID : **2105294768**

Status : **Answered**

Chosen Option : **4**

**Q.70** In epicotyl grafting of mango, callusing stage for a graft union extends from

1. 10-30 days
2. 30-60 days
3. 60-90 days
4. 90-120 days

**Options** 1. 1

2. 2
3. 3
4. 4

**A**

Question Type : **MCQ**

Question ID : **2105291168**

Option 1 ID : **2105294669**

Option 2 ID : **2105294670**

Option 3 ID : **2105294671**

Option 4 ID : **2105294672**

Status : **Not Attempted and  
Marked For Review**

Chosen Option : **--**

Q.71 Which of the following is a winter annual?

1. Balsam
2. Zinnia
3. Snapdragon
4. Kochia

C

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291246

Option 1 ID : 2105294981

Option 2 ID : 2105294982

Option 3 ID : 2105294983

Option 4 ID : 2105294984

Status : Answered

Chosen Option : 3

Q.72 Fenugreek seeds contain

1. Solanine
2. Rotenone
3. Solasodine
4. Diosgenin

D

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291222

Option 1 ID : 2105294885

Option 2 ID : 2105294886

Option 3 ID : 2105294887

Option 4 ID : 2105294888

Status : Answered

Chosen Option : 4

**Q.73** Which one of the following wild relatives of tomato is the most important donor for drought resistance?

1. *Solanum pimpinellifolium*
2. *Solanum cheesmanii*
3. *Solanum pennellii*
4. *Solanum chmielewskii*

C

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291220

Option 1 ID : 2105294877

Option 2 ID : 2105294878

Option 3 ID : 2105294879

Option 4 ID : 2105294880

Status : Answered

Chosen Option : 4

**Q.74** Zinc is responsible for the biosynthesis of which plant auxin?

1. NAA
2. IBA
3. IAA
4. 2, 4-D

C

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291189

Option 1 ID : 2105294753

Option 2 ID : 2105294754

Option 3 ID : 2105294755

Option 4 ID : 2105294756

Status : Answered

Chosen Option : 1

**Q.75** Pusa Aditi is a newly developed variety of

1. Mango
2. Guava
3. Grapes
4. Banana

**C**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291159**

Option 1 ID : **2105294633**

Option 2 ID : **2105294634**

Option 3 ID : **2105294635**

Option 4 ID : **2105294636**

Status : **Answered**

Chosen Option : **1**

**Q.76** The "Pd<sub>1</sub>" gene from *Allium roylei* conferring resistance to downy mildew is located on

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

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291218**

Option 1 ID : **2105294869**

Option 2 ID : **2105294870**

Option 3 ID : **2105294871**

Option 4 ID : **2105294872**

Status : **Not Answered**

Chosen Option : **--**



**Q.77** Suppressed climacteric fruit is related to

1. Apple
2. Banana
3. Peach
4. Plum

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291181**

Option 1 ID : **2105294721**

Option 2 ID : **2105294722**

Option 3 ID : **2105294723**

Option 4 ID : **2105294724**

Status : **Answered**

Chosen Option : **2**

**Q.78** When female papaya plant is intercrossed with hermaphrodite, the ratio of female and hermaphrodite in progeny will be

1. 1:2
2. 1:1
3. 1:3
4. 2:1

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291188**

Option 1 ID : **2105294749**

Option 2 ID : **2105294750**

Option 3 ID : **2105294751**

Option 4 ID : **2105294752**

Status : **Answered**

Chosen Option : **1**

Q.79 Apple cultivar having triploid chromosomes are

- A. Golden Delicious
- B. Gravenstein
- C. Jonagold
- D. McIntosh

Choose the correct answer from the options given below:

**B**

- 1. A & B only
- 2. B & C only
- 3. C & D only
- 4. A & D only

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**  
Question ID : **2105291196**  
Option 1 ID : **2105294781**  
Option 2 ID : **2105294782**  
Option 3 ID : **2105294783**  
Option 4 ID : **2105294784**  
Status : **Answered**  
Chosen Option : **2**

Q.80 **Statement I:** Phyllody and Witches Broom disease of Cucurbits is caused by Phytoplasma.

**Statement II:** This phytoplasma is transmitted by leaf hopper

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

- 1. Statement I is correct but Statement II is false
- 2. Both Statement I and Statement II are false
- 3. Both Statement I and Statement II are true
- 4. Statement I is incorrect and Statement II is true

**B**

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**  
Question ID : **2105291232**  
Option 1 ID : **2105294925**  
Option 2 ID : **2105294926**  
Option 3 ID : **2105294927**  
Option 4 ID : **2105294928**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.81** Coconut toddy is obtained by tapping the

1. Unopened spadix
2. Unopened spathe
3. Opened spathe
4. Opened spadix

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291171**

Option 1 ID : **2105294681**

Option 2 ID : **2105294682**

Option 3 ID : **2105294683**

Option 4 ID : **2105294684**

Status : **Answered**

Chosen Option : **1**

**Q.82** Match List I with List II

<b>List I</b>	<b>List II</b>
A. Pusa Arunima	I. Alphonso x Banganpalli
B. Ratna	II. Neelum x Alphonso
C. Sindhu	III. Ratna x Alphonso
D. Arka Puneet	IV. Amrapali x Sensation

**A**

Choose the correct answer from the options given below

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

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291186**

Option 1 ID : **2105294741**

Option 2 ID : **2105294742**

Option 3 ID : **2105294743**

Option 4 ID : **2105294744**

Status : **Answered**

Chosen Option : **1**

Q.83 Match List I with List II

List I	List II
A. Diamond back moth	I. <i>Plasmodiophora brassicae</i>
B. Club root	II. <i>Plutella xylostella</i>
C. Aphids	III. <i>Peronospora parastica</i>
D. Downy mildew	IV. <i>Myzus persicae</i>

Choose the correct answer from the options given below:

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

Options 1. 1

2. 2
3. 3
4. 4

**A**

Question Type : MCQ

Question ID : 2105291230

Option 1 ID : 2105294917

Option 2 ID : 2105294918

Option 3 ID : 2105294919

Option 4 ID : 2105294920

Status : Answered

Chosen Option : 1

Q.84 The stage of inflorescence emergence in pineapple is

1. Piping
2. Red Heart
3. Rosette
4. Sorose

Options 1. 1

2. 2
3. 3
4. 4

**B**

Question Type : MCQ

Question ID : 2105291166

Option 1 ID : 2105294661

Option 2 ID : 2105294662

Option 3 ID : 2105294663

Option 4 ID : 2105294664

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.85** Seed albumin gene AmA1 was cloned from

1. *Amaranthus tricolor*
2. *Amaranthus tristis*
3. *Amaranthus dubius*
4. *Amaranthus hypocondriacus*

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291219**

Option 1 ID : **2105294873**

Option 2 ID : **2105294874**

Option 3 ID : **2105294875**

Option 4 ID : **2105294876**

Status : **Answered**

Chosen Option : **2**

**Q.86** Which of the following is propagated by suckers?

1. Tuberose
2. Gladiolus
3. Gaillardia
4. Chrysanthemum

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291244**

Option 1 ID : **2105294973**

Option 2 ID : **2105294974**

Option 3 ID : **2105294975**

Option 4 ID : **2105294976**

Status : **Answered**

Chosen Option : **4**

**Q.87**

Some of the important characteristics of predators are:

- A. They feed on prey smaller than themselves
- B. Lady bird beetles are not being used for managing mealybugs and scale insects
- C. They are free-living and require several preys to complete their life cycle
- D. They feed on prey bigger than themselves

**A**

Choose the correct answer from the options given below:

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

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **2105291145**

Option 1 ID : **2105294577**

Option 2 ID : **2105294578**

Option 3 ID : **2105294579**

Option 4 ID : **2105294580**

Status : **Answered**

Chosen Option : **2**

**Q.88** The ability of a plant cell to regenerate is known as

- 1. Apomixis
- 2. Totipotency
- 3. Parthenogenesis
- 4. Budding

**B**

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **2105291142**

Option 1 ID : **2105294565**

Option 2 ID : **2105294566**

Option 3 ID : **2105294567**

Option 4 ID : **2105294568**

Status : **Answered**

Chosen Option : **2**

**Q.89** Bending is a specific technique being practiced in

1. Rose
2. Carnation
3. Tuberose
4. Gerbera

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291239**

Option 1 ID : **2105294953**

Option 2 ID : **2105294954**

Option 3 ID : **2105294955**

Option 4 ID : **2105294956**

Status : **Answered**

Chosen Option : **1**

**Q.90** The symbol for the gene controlling bitter free cucumber fruits is

1. bi/bi
2. Bi/Bi
3. Bi/bi
4. B/b

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291205**

Option 1 ID : **2105294817**

Option 2 ID : **2105294818**

Option 3 ID : **2105294819**

Option 4 ID : **2105294820**

Status : **Not Answered**

Chosen Option : **--**

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**Q.91** At 3.5 m x 3.5 m spacing, the number of plants/ha in a hexagonal system could be

1. 160 plants
2. 222 plants
3. 272 plants
4. 380 plants

**C**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291152**

Option 1 ID : **2105294605**

Option 2 ID : **2105294606**

Option 3 ID : **2105294607**

Option 4 ID : **2105294608**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.92** Match List I with List II

<b>List I</b>	<b>List II</b>
A. Chrysanthemum	I. Birbal Sahani
B. Carnation	II. Top Secret
C. Rose	III. Arka Agni
D. Marigold	IV. Dona

Choose the correct answer from the options given below:

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

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291258**

Option 1 ID : **2105295029**

Option 2 ID : **2105295030**

Option 3 ID : **2105295031**

Option 4 ID : **2105295032**

Status : **Answered**

Chosen Option : **2**



**Q.93** The most commercially viable technique for propagation of cashew nut is

1. Shoot tip grafting
2. Softwood grafting
3. Hardwood grafting
4. Epicotyl grafting

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291153**

Option 1 ID : **2105294609**

Option 2 ID : **2105294610**

Option 3 ID : **2105294611**

Option 4 ID : **2105294612**

Status : **Answered**

Chosen Option : **2**

**Q.94** The permitted sulphur dioxide limit for sweetness in Ready to Serve Beverage (RTS) is

1. 50 ppm
2. 70 ppm
3. 100 ppm
4. 200 ppm

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291191**

Option 1 ID : **2105294761**

Option 2 ID : **2105294762**

Option 3 ID : **2105294763**

Option 4 ID : **2105294764**

Status : **Answered**

Chosen Option : **3**

**Q.95** Which one of the following fruits has the highest TSS?

1. Mango
2. Grape
3. Jamun
4. Bael

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291178**

Option 1 ID : **2105294709**

Option 2 ID : **2105294710**

Option 3 ID : **2105294711**

Option 4 ID : **2105294712**

Status : **Answered**

Chosen Option : **2**

**Q.96** Gradual loss of variability from germplasm of a crop is known as

1. Pleiotropy
2. Mutation
3. Inbreeding depression
4. Genetic erosion

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291211**

Option 1 ID : **2105294841**

Option 2 ID : **2105294842**

Option 3 ID : **2105294843**

Option 4 ID : **2105294844**

Status : **Answered**

Chosen Option : **3**

**Q.97** Ty-1 gene conferring TYLCV resistance in tomato has been derived from

1. *Solanum habrochites*
2. *Solanum chmielekii*
3. *Solanum chilense*
4. *Solanum peruvianum*

**C**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291221**

Option 1 ID : **2105294881**

Option 2 ID : **2105294882**

Option 3 ID : **2105294883**

Option 4 ID : **2105294884**

Status : **Answered**

Chosen Option : **4**

**Q.98** The ancestor of cultivated sweet potato is

1. *Ipomea triloba*
2. *Ipomea batatas*
3. *Ipomea aquatica*
4. *Ipomea trifida*

**D**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291212**

Option 1 ID : **2105294845**

Option 2 ID : **2105294846**

Option 3 ID : **2105294847**

Option 4 ID : **2105294848**

Status : **Answered**

Chosen Option : **3**

Q.99

Rashtrapati Bhavan Garden was designed by

1. Robert Brown
2. Edwin Lutyens
3. Robinson
4. G.S. Randhawa

**B**

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291237

Option 1 ID : 2105294945

Option 2 ID : 2105294946

Option 3 ID : 2105294947

Option 4 ID : 2105294948

Status : Answered

Chosen Option : 2

Q.100 Citrus rootstock susceptible to *Phytophthora* and *Tristeza* are

- A. Alemow
- B. Rough lemon
- C. Savage
- D. X-639

**A**

Choose the correct answer from the options given below:

1. A & B only
2. B & D only
3. C & D only
4. A & C only

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291184

Option 1 ID : 2105294733

Option 2 ID : 2105294734

Option 3 ID : 2105294735

Option 4 ID : 2105294736

Status : Answered

Chosen Option : 3

**Q.101**

The most common method of propagation for *phalsa* (*Grewia subinaequalis*) is

1. Seeds
2. Hardwood cutting
3. Softwood grafting
4. Budding

**Options** 1. 1

2. 2
3. 3
4. 4

**A**

Question Type : **MCQ**

Question ID : **2105291158**

Option 1 ID : **2105294629**

Option 2 ID : **2105294630**

Option 3 ID : **2105294631**

Option 4 ID : **2105294632**

Status : **Answered**

Chosen Option : **4**

**Q.102** Tulip bulbs must be stored/exposed to the following environmental condition for quality flower initiation

1. 10-12 °C for 4-6 weeks
2. 7-9 °C for 6-8 weeks
3. 12-14 °C for 5-6 weeks
4. 9-11 °C for 4-6 weeks

**Options** 1. 1

2. 2
3. 3
4. 4

**B**

Question Type : **MCQ**

Question ID : **2105291243**

Option 1 ID : **2105294969**

Option 2 ID : **2105294970**

Option 3 ID : **2105294971**

Option 4 ID : **2105294972**

Status : **Not Attempted and  
Marked For Review**

Chosen Option : **--**

**Q.103** Which of the following hedges is most suitable for landscaping in the arid region?

1. *Lawsonia inermis*
2. *Mussaendra frondosa*
3. *Eranthemum bicolor*
4. *Galphimia gracilis*

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291248**

Option 1 ID : **2105294989**

Option 2 ID : **2105294990**

Option 3 ID : **2105294991**

Option 4 ID : **2105294992**

Status : **Not Answered**

Chosen Option : --

**Q.104** Which is considered as calcifuge crop?

1. Mango
2. Banana
3. Citrus
4. Guava

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291170**

Option 1 ID : **2105294677**

Option 2 ID : **2105294678**

Option 3 ID : **2105294679**

Option 4 ID : **2105294680**

Status : **Answered**

Chosen Option : **3**

**Q.105** 'Gulkand' is prepared by mixing sugar and rose petals in the ratio

1. 3:1
2. 1:1
3. 1:4
4. 1:3

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291255**

Option 1 ID : **2105295017**

Option 2 ID : **2105295018**

Option 3 ID : **2105295019**

Option 4 ID : **2105295020**

Status : **Answered**

Chosen Option : **2**

**Q.106** Kashi Lalima is the latest variety of

1. Okra
2. Carrot
3. Tomato
4. Radish

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291201**

Option 1 ID : **2105294801**

Option 2 ID : **2105294802**

Option 3 ID : **2105294803**

Option 4 ID : **2105294804**

Status : **Answered**

Chosen Option : **1**

Q.107 Match List I with List II

List I	List II
A. Scab resistance	I. M9
B. Dwarfing rootstock	II. Shalimar Apple-I
C. Low chilling	III. Anna
D. Woolly apple aphid resistance	IV. Merton 793

Choose the correct answer from the options given below

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

Options 1. 1

2. 2
3. 3
4. 4

**B**

Question Type : MCQ

Question ID : 2105291197

Option 1 ID : 2105294785

Option 2 ID : 2105294786

Option 3 ID : 2105294787

Option 4 ID : 2105294788

Status : Answered

Chosen Option : 2

Q.108 Nutritional value of legume vegetables is reduced due to the presence of which of the following inhibitors?

1. Trypsin
2. Cystine
3. Tyrosine
4. Tryptophan

Options 1. 1

2. 2
3. 3
4. 4

**A**

Question Type : MCQ

Question ID : 2105291203

Option 1 ID : 2105294809

Option 2 ID : 2105294810

Option 3 ID : 2105294811

Option 4 ID : 2105294812

Status : Answered

Chosen Option : 1



**Q.109** The crop having largest area under genetically modified seeds in India is

1. Brinjal
2. Soybean
3. Cotton
4. Tomato

**C**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291144**

Option 1 ID : **2105294573**

Option 2 ID : **2105294574**

Option 3 ID : **2105294575**

Option 4 ID : **2105294576**

Status : **Answered**

Chosen Option : **4**

**Q.110** Multiple disease resistant variety of tomato is

1. Arka Samrat
2. Arka Rakshak
3. Arka Vardan
4. Pusa Rohini

**A & B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291207**

Option 1 ID : **2105294825**

Option 2 ID : **2105294826**

Option 3 ID : **2105294827**

Option 4 ID : **2105294828**

Status : **Answered**

Chosen Option : **2**

**Q.111** Which of the following states is the largest producer of annual flowers' seeds?

1. Punjab
2. Karnataka
3. Tamil Nadu
4. Kerala

**Options** 1. 1

2. 2
3. 3
4. 4

**A**

Question Type : **MCQ**

Question ID : **2105291238**

Option 1 ID : **2105294949**

Option 2 ID : **2105294950**

Option 3 ID : **2105294951**

Option 4 ID : **2105294952**

Status : **Answered**

Chosen Option : **1**

**Q.112** Directorate of Floricultural Research is located at

1. Pune
2. New Delhi
3. Lucknow
4. Bengaluru

**Options** 1. 1

2. 2
3. 3
4. 4

**A**

Question Type : **MCQ**

Question ID : **2105291235**

Option 1 ID : **2105294937**

Option 2 ID : **2105294938**

Option 3 ID : **2105294939**

Option 4 ID : **2105294940**

Status : **Answered**

Chosen Option : **4**

Q.113 Which one of the following is an attached method of grafting?

1. Notch grafting
2. Inarching
3. Whip grafting
4. Side grafting

**B**

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291156

Option 1 ID : 2105294621

Option 2 ID : 2105294622

Option 3 ID : 2105294623

Option 4 ID : 2105294624

Status : Answered

Chosen Option : 2

Q.114 Tree banding is used for the control of

1. *Drosicha mangifera*
2. *Clumetia transversa*
3. *Batocera rufomaculata*
4. *Eublemma versicolo*

**A**

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 2105291173

Option 1 ID : 2105294689

Option 2 ID : 2105294690

Option 3 ID : 2105294691

Option 4 ID : 2105294692

Status : Not Answered

Chosen Option : --

**Q.115** Given below are two statements

**Statement I:** Scald is a storage disorder of apple which usually affects the skin only

**Statement II:** It can be identified by brownish streaks radiating into flesh from the core

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

1. Both Statement I and Statement II are true
2. Both Statement I and Statement II are false
3. Statement I is correct but Statement II is false
4. Statement I is incorrect but Statement II is true

C

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291195**

Option 1 ID : **2105294777**

Option 2 ID : **2105294778**

Option 3 ID : **2105294779**

Option 4 ID : **2105294780**

Status : **Not Answered**

Chosen Option : --

**Q.116**

Which *Vitis* species does NOT have tendrils opposite to the third leaf?

1. *Vitis champini*
2. *Vitis rupistris*
3. *Vitis vinifera*
4. *Vitis labrusca*

C

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291190**

Option 1 ID : **2105294757**

Option 2 ID : **2105294758**

Option 3 ID : **2105294759**

Option 4 ID : **2105294760**

Status : **Answered**

Chosen Option : 1

**Q.117** Which one of the following is a high-yielding variety of black pepper?

1. Sreekara
2. Suprabha
3. Suroma
4. Suranjana

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291223**

Option 1 ID : **2105294889**

Option 2 ID : **2105294890**

Option 3 ID : **2105294891**

Option 4 ID : **2105294892**

Status : **Answered**

Chosen Option : **1**

**Q.118** Maturation of male and female reproductive organs of a bisexual flower at different times is known as

1. Dichogamy
2. Dicliny
3. Cliestogamy
4. Chasmogamy

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291194**

Option 1 ID : **2105294773**

Option 2 ID : **2105294774**

Option 3 ID : **2105294775**

Option 4 ID : **2105294776**

Status : **Answered**

Chosen Option : **1**

**Q.119** Andromonoecy sex form is found in which spice crop?

1. Coriander
2. Black pepper
3. All spice
4. Nutmeg

**A**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291225**

Option 1 ID : **2105294897**

Option 2 ID : **2105294898**

Option 3 ID : **2105294899**

Option 4 ID : **2105294900**

Status : **Answered**

Chosen Option : **3**

**Q.120**

You want to cultivate onion in North India whose harvest should coincide with a higher price in November -December. Which onion variety will you choose to grow?

1. Agrifound Light Red
2. Agrifound Dark Red
3. Nasik Red
4. Pusa Red

**B**

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **2105291202**

Option 1 ID : **2105294805**

Option 2 ID : **2105294806**

Option 3 ID : **2105294807**

Option 4 ID : **2105294808**

Status : **Answered**

Chosen Option : **1**

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