

National Testing Agency

Question Paper Name :	Fruit Science and Pomology 17th September Shift 2
Subject Name :	Fruit Science and Pomology
Creation Date :	2021-09-17 18:54:24
Duration :	120
Total Marks :	480
Display Marks:	Yes

Fruit Science and Pomology

Group Number :	1
Group Id :	19088987
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	480
Is this Group for Examiner? :	No

Part A: General Knowledge

Section Id :	190889185
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	80
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889225
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 1908899742 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Which of the following is the device used to measure the power and speed of the wind?

1. Avometer
2. Anemometer
3. Airometer
4. Aviontimeter

Options :

- 19088938861. 1
- 19088938862. 2
- 19088938863. 3
- 19088938864. 4

Question Number : 2 Question Id : 1908899743 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 4 Wrong Marks : 1

Optical fibre used the concept of which of the following?

1. Reflection
2. Refraction
3. Total internal reflection
4. Total internal refraction

Options :

- 19088938865. 1
- 19088938866. 2
- 19088938867. 3
- 19088938868. 4

Question Number : 3 Question Id : 1908899744 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Yellow vein mosaic is the viral disease of which of the following plants?

- 1. Ladyfinger
- 2. Papaya
- 3. Sugarcane
- 4. Banana

Options :

- 19088938869. 1
- 19088938870. 2
- 19088938871. 3
- 19088938872. 4

Question Number : 4 Question Id : 1908899745 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following organ(s) is affected by Mumps disease?

- 1. Entire body
- 2. Skin
- 3. Eye
- 4. Parotid

Options :

- 19088938873. 1
- 19088938874. 2
- 19088938875. 3

19088938876. 4

Question Number : 5 Question Id : 1908899746 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the chemical name of vitamin B₂?

1. Riboflavin
2. Calciferol
3. Pyridoxin
4. Niacin

Options :

19088938877. 1

19088938878. 2

19088938879. 3

19088938880. 4

Question Number : 6 Question Id : 1908899747 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is not the input unit of the computer?

1. Mouse
2. Keyboard
3. Screen
4. Scanner

Options :

19088938881. 1

19088938882. 2

19088938883. 3

19088938884. 4

Question Number : 7 Question Id : 1908899748 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The digital computer operates on which of the following principle?

1. Measurement
2. Calculation
3. Logical
4. Electrification

Options :

19088938885. 1

19088938886. 2

19088938887. 3

19088938888. 4

Question Number : 8 Question Id : 1908899749 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The non-cooperation movement of Gandhiji was launched in which of the following year?

1. 1915
2. 1922
3. 1920
4. 1930

Options :

19088938889. 1

19088938890. 2

19088938891. 3

19088938892. 4

Question Number : 9 Question Id : 1908899750 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

An Islamic revivalist movement named Wahabi movement was founded by which of the following person?

1. Sian Saheb
2. Syed Ahmed
3. Haji Shariat-Allah
4. DaduMian

Options :

19088938893. 1

19088938894. 2

19088938895. 3

19088938896. 4

Question Number : 10 Question Id : 1908899751 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is considered as the “Magna Carta of England Education in India”?

1. Hunter education commission
2. Lord Macaulay’s Minute
3. Wood’s Despatch
4. Thomas Babington Macaulay

Options :

19088938897. 1

19088938898. 2

19088938899. 3

19088938900. 4

Question Number : 11 Question Id : 1908899752 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following nutrient does not come under the ambit of 'macro-nutrients in Soil Health Card?

1. Nitrogen
2. Zinc
3. Phosphorous
4. Potassium

Options :

19088938901. 1

19088938902. 2

19088938903. 3

19088938904. 4

Question Number : 12 Question Id : 1908899753 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Cole crops, root crops and legumes come under the ambit of which of the following?

1. Olericulture
2. Pomology
3. Viticulture
4. Arboriculture

Options :

19088938905. 1

19088938906. 2

19088938907. 3

19088938908. 4

Question Number : 13 Question Id : 1908899754 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The study of individual trees, shrubs, vines, and perennial woody plants is known as which of the following?

1. Turf management
2. Arboriculture
3. Pomology
4. Viticulture

Options :

19088938909. 1

19088938910. 2

19088938911. 3

19088938912. 4

Question Number : 14 Question Id : 1908899755 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The ministry is implementing MIDH (Mission for Integrated Development of Horticulture) with effect from which of the following year?

1. 2012-13
2. 2019-20
3. 2015-16
4. 2014-15

Options :

19088938913. 1

19088938914. 2

19088938915. 3

19088938916. 4

Question Number : 15 Question Id : 1908899756 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The interaction of soils with living things, particularly plants are well known as which of the following?

1. Edaphology
2. Pedology
3. Soil zoology
4. Pedogenesis

Options :

19088938917. 1

19088938918. 2

19088938919. 3

19088938920. 4

Question Number : 16 Question Id : 1908899757 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following systems has also incorporated social aspects in itself?

1. Landscaping
2. Permaculture
3. Horticulture
4. Forest gardening

Options :

19088938921. 1

19088938922. 2

19088938923. 3

19088938924. 4

Question Number : 17 Question Id : 1908899758 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What do you term the phenomenon whereby the specific gene is added to the plant for producing a desirable phenotype?

1. Genetic manipulation
2. Genetic recombination
3. Genetic modification
4. Genetic hybridisation

Options :

19088938925. 1

19088938926. 2

19088938927. 3

19088938928. 4

Question Number : 18 Question Id : 1908899759 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the focus of the participatory plant breeding program?

1. Scientists
2. Plants
3. Environment
4. Farmers

Options :

19088938929. 1

19088938930. 2

19088938931. 3

19088938932. 4

Question Number : 19 Question Id : 1908899760 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

How do you term the form of agriculture, in which, industrialized production of crops and animal products takes place?

1. Manufactured agriculture
2. Modern agriculture
3. Industrial agriculture
4. Mechanistic agriculture

Options :

19088938933. 1

19088938934. 2

19088938935. 3

19088938936. 4

Question Number : 20 Question Id : 1908899761 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Micro-irrigation fund of Rs. 5.000 crore has been placed with which of the following organization?

1. NABARD
2. IDBI
3. SBI
4. RRBs

Options :

19088938937. 1

19088938938. 2

19088938939. 3

19088938940. 4

Part B Core : Horticulture

Section Id : 190889186

Section Number : 2

Section type : Online

Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889226
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 1908899762 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is NOT an example of often-cross pollinated crops?

1. Lima bean
2. Broad bean
3. Lettuce
4. Okra

Options :

19088938941. 1

19088938942. 2

19088938943. 3

19088938944. 4

Question Number : 22 Question Id : 1908899763 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the early variety of Cauliflower?

1. Pusa Sharad
2. Pusa Meghna
3. Pusa Shukti
4. Pusa Paushja

Options :

19088938945. 1

19088938946. 2

19088938947. 3

19088938948. 4

Question Number : 23 Question Id : 1908899764 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Diadelphous condition of stamens is found in which of the following crop?

1. Garden pea
2. Lettuce
3. Onion
4. Okra

Options :

19088938949. 1

19088938950. 2

19088938951. 3

19088938952. 4

Question Number : 24 Question Id : 1908899765 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The ideal temperature for potato tuberization is-

1. 10-12 °C
2. 18-20 °C
3. 24-26 °C
4. 28-30 °C

Options :

19088938953. 1

19088938954. 2

19088938955. 3

19088938956. 4

Question Number : 25 Question Id : 1908899766 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the seed rate of carrot (kg per ha)?

1. 2-3
2. 3-4
3. 5-6
4. 12-15

Options :

19088938957. 1

19088938958. 2

19088938959. 3

19088938960. 4

Question Number : 26 Question Id : 1908899767 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Little leaf of brinjal is caused by

1. Bacteria
2. Fungus
3. Phytoplasma
4. Virus

Options :

19088938961. 1

19088938962. 2

19088938963. 3

19088938964. 4

Question Number : 27 Question Id : 1908899768 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The minimum isolation distance for producing certified seed of cauliflower is-

1. 1500 m
2. 1000 m
3. 2000 m
4. 500 m

Options :

19088938965. 1

19088938966. 2

19088938967. 3

19088938968. 4

Question Number : 28 Question Id : 1908899769 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which is the most commonly used propagation method in sweet potato?

1. Seeds
2. Vine cutting
3. Leave cutting
4. Root cutting

Options :

19088938969. 1

19088938970. 2

19088938971. 3

19088938972. 4

Question Number : 29 Question Id : 1908899770 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which is **NOT** a self-pollinated vegetable crop?

1. Lettuce
2. Dolichos bean
3. Kale
4. Garden pea

Options :

19088938973. 1

19088938974. 2

19088938975. 3

19088938976. 4

Question Number : 30 Question Id : 1908899771 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Dr. Pushkarnath was associated with

1. Tomato breeding
2. Okra breeding
3. Potato breeding
4. Onion breeding

Options :

19088938977. 1

19088938978. 2

19088938979. 3

19088938980. 4

Question Number : 31 Question Id : 1908899772 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following Nodal Agency coordinates the efforts of Agri-Export Zones (AEZ) ?

1. APEDA
2. ICAR
3. NABARD
4. NHB

Options :

19088938981. 1

19088938982. 2

19088938983. 3

19088938984. 4

Question Number : 32 Question Id : 1908899773 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The ploidy level of the cultivated kiwifruit (*Actinidia deliciosa*) is

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

Options :

19088938985. 1

19088938986. 2

19088938987. 3

19088938988. 4

Question Number : 33 Question Id : 1908899774 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Headquarter of International Society for Horticulture Science (ISHS) is located at

1. New Delhi
2. Newzealand
3. Belgium
4. Brazil

Options :

19088938989. 1

19088938990. 2

19088938991. 3

19088938992. 4

Question Number : 34 Question Id : 1908899775 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which kind of self-incompatibility is prevalent in almond ?

1. Sporophytic
2. Gametophytic
3. Cryptic
4. Heteromorphic

Options :

19088938993. 1

19088938994. 2

19088938995. 3

19088938996. 4

Question Number : 35 Question Id : 1908899776 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The main objective of meristem culture is

1. Somaclonal variation
2. Virus elimination
3. Nematode elimination
4. Haploid induction

Options :

19088938997. 1

19088938998. 2

19088938999. 3

19088939000. 4

Question Number : 36 Question Id : 1908899777 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

"Anlagen" is related with

1. Apple
2. Grape
3. Banana
4. Citrus

Options :

19088939001. 1

19088939002. 2

19088939003. 3

19088939004. 4

Question Number : 37 Question Id : 1908899778 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Guava bears fruits on

1. Current season growth
2. Previous year growth
3. Spur
4. Stem

Options :

19088939005. 1

19088939006. 2

19088939007. 3

19088939008. 4

Question Number : 38 Question Id : 1908899779 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Mango rootstock, 13-1 is used to combat the problem of

1. Drought stress
2. Salt stress
3. Heat stress
4. Excess moisture

Options :

19088939009. 1

19088939010. 2

19088939011. 3

19088939012. 4

Question Number : 39 Question Id : 1908899780 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following Indian Research Institute has started work on banana genome editing?

1. ICAR-NIPB, New Delhi
2. TERI, New Delhi
3. NABI, Mohali
4. ICAR-NRC, Banana

Options :

19088939013. 1

19088939014. 2

19088939015. 3

19088939016. 4

Question Number : 40 Question Id : 1908899781 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following planting system accommodates additional filler plant in the centre?

1. Square system
2. Rectangular system
3. Quincunx system
4. Contour system

Options :

19088939017. 1

19088939018. 2

19088939019. 3

19088939020. 4

Question Number : 41 Question Id : 1908899782 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is **NOT** an important feature of Mughal Garden?

1. Terrace
2. Running Water
3. High protecting walls
4. Pagoda

Options :

19088939021. 1

19088939022. 2

19088939023. 3

19088939024. 4

Question Number : 42 Question Id : 1908899783 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'Applause', is a transgenic variety of which commercial flower crops and is of which colour?

1. Chrysanthemum, Red
2. Carnation, Blue
3. Rose, Blue
4. Gerbera, Yellow

Options :

19088939025. 1

19088939026. 2

19088939027. 3

19088939028. 4

Question Number : 43 Question Id : 1908899784 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Seed rate of lawn/turf grass for developing lawn in one hectare area is

1. 5 kg/ ha
2. 25 kg/ ha
3. 50 kg/ ha
4. 100 kg/ ha

Options :

19088939029. 1

19088939030. 2

19088939031. 3

19088939032. 4

Question Number : 44 Question Id : 1908899785 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Type of flower arrangement where narrow, tall, upright containers are used, is known as

1. Moribana
2. Nageire
3. Morimono
4. Zeneika

Options :

19088939033. 1

19088939034. 2

19088939035. 3

19088939036. 4

Question Number : 45 Question Id : 1908899786 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following institute has developed rose variety 'Himalayan Wonder' ?

1. UHF, Solan
2. ICAR-IIHR, Bengaluru
3. ICAR-IARI, New Delhi
4. CSIR-IHBT, Palampur

Options :

19088939037. 1

19088939038. 2

19088939039. 3

19088939040. 4

Question Number : 46 Question Id : 1908899787 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Speciality flower 'Bird of Paradise' is native of

1. Australia
2. India
3. South America
4. South Africa

Options :

19088939041. 1

19088939042. 2

19088939043. 3

19088939044. 4

Question Number : 47 Question Id : 1908899788 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following software does not belongs to a CAD?

1. Advance Concrete
2. Advance Steel
3. NTSYS
4. Brics CAD

Options :

19088939045. 1

19088939046. 2

19088939047. 3

19088939048. 4

Question Number : 48 Question Id : 1908899789 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following state having AEZ on Floriculture ?

1. Bihar
2. Punjab
3. Tamil Nadu
4. Gujarat

Options :

19088939049. 1

19088939050. 2

19088939051. 3

19088939052. 4

Question Number : 49 Question Id : 1908899790 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is a light climber ?

1. *Hiptage benghalensis*
2. *Quisqualis indica*
3. *Wisteria sinensis*
4. *Quamoclit pinnata*

Options :

19088939053. 1

19088939054. 2

19088939055. 3

19088939056. 4

Question Number : 50 Question Id : 1908899791 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Rose species which imparted yellow colour to modern roses is

1. *Rosa damascena*
2. *Rosa foetida*
3. *Rosa canina*
4. *Rosa indica*

Options :

19088939057. 1

19088939058. 2

19088939059. 3

19088939060. 4

Question Number : 51 Question Id : 1908899792 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is a precursor of Ethylene biosynthesis?

1. Proline
2. Methionine
3. Sucrose
4. Alanine

Options :

19088939061. 1

19088939062. 2

19088939063. 3

19088939064. 4

Question Number : 52 Question Id : 1908899793 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Blanching is done in vegetables before processing to

1. Inactivate the natural enzymes
2. Spoil colour, texture and flavours
3. Improve taste and flavour
4. Facilitate processing

Options :

19088939065. 1

19088939066. 2

19088939067. 3

19088939068. 4

Question Number : 53 Question Id : 1908899794 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In Controlled atmosphere storage (CAS)

1. CO₂ level is elevated and O₂ level is lowered
2. CO₂ level is lowered and O₂ level is elevated
3. CO₂ level and O₂ level maintained at same level
4. Both CO₂ and O₂ level is lowered

Options :

19088939069. 1

19088939070. 2

19088939071. 3

19088939072. 4

Question Number : 54 Question Id : 1908899795 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Sabudana/ sago is prepared from

1. Tapioca only
2. Cassava only
3. Tapioca and Cassava
4. Potato

Options :

19088939073. 1

19088939074. 2

19088939075. 3

19088939076. 4

Question Number : 55 Question Id : 1908899796 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Tocklai Tea Experiment Station is located at

1. Ooty, Tamilnadu
2. Palampur, HP
3. Valparai, Tamil Nadu
4. Jorhat, Assam

Options :

19088939077. 1

19088939078. 2

19088939079. 3

19088939080. 4

Question Number : 56 Question Id : 1908899797 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which one is NOT a physical property of fruits and vegetables?

1. Colour
2. TSS
3. Texture
4. Structure

Options :

19088939081. 1

19088939082. 2

19088939083. 3

19088939084. 4

Question Number : 57 Question Id : 1908899798 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If there is an acidity of 4.70% in plum pulp, how much acid will be there in 100 kg quantity?

1. 4700 gg
2. 470 kg
3. 4700 ppm
4. 47 kg

Options :

19088939085. 1

19088939086. 2

19088939087. 3

19088939088. 4

Question Number : 58 Question Id : 1908899799 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Cooking of the fruits reduces many vital nutrients and the most thermolabile component in fruits during processing is:

1. Carbohydrates
2. Minerals
3. Fats
4. Vitamins

Options :

19088939089. 1

19088939090. 2

19088939091. 3

19088939092. 4

Question Number : 59 Question Id : 1908899800 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Before drying of horticultural crops after sorting, washing and cutting which of the following is the most important step to maintain the quality of the produce?

1. Bleaching
2. Blanching
3. Squeezing
4. Cold treatment

Options :

19088939093. 1

19088939094. 2

19088939095. 3

19088939096. 4

Question Number : 60 Question Id : 1908899801 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Respiration of the horticultural crops increases after harvesting. Which of the following has extremely high respiration rate?

1. Apple
2. Broccoli
3. Apricot
4. Walnut

Options :

19088939097. 1

19088939098. 2

19088939099. 3

19088939100. 4

Question Number : 61 Question Id : 1908899802 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Citriodora leaf oil is obtained from which species?

1. *Acacia nilotica*
2. *Eucalyptus globulus*
3. *Eucalyptus citriodora*
4. *Acacia catechu*

Options :

19088939101. 1

19088939102. 2

19088939103. 3

19088939104. 4

Question Number : 62 Question Id : 1908899803 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Artemisia belongs to the Family -

1. Asteraceae
2. Poaceae
3. Moraceae
4. Scrophulariaceae

Options :

19088939105. 1

19088939106. 2

19088939107. 3

19088939108. 4

Question Number : 63 Question Id : 1908899804 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Most commonly used traditional method to extract the volatiles from aromatic plants is-

1. Hydro distillation
2. Hydrolytic maceration
3. Cold fat extraction
4. Expression

Options :

19088939109. 1

19088939110. 2

19088939111. 3

19088939112. 4

Question Number : 64 Question Id : 1908899805 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Major plant part(s) of *Catharanthus roseus* used for medicinal purposes is/are-

1. Flowers only
2. Leaves only
3. Roots only
4. Both leaves and roots

Options :

19088939113. 1

19088939114. 2

19088939115. 3

19088939116. 4

Question Number : 65 Question Id : 1908899806 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Where is ICAR – Directorate of Medicinal and Aromatic Plants Research situated?

1. Lucknow
2. Anand
3. New Delhi
4. Kolkata

Options :

19088939117. 1

19088939118. 2

19088939119. 3

19088939120. 4

Question Number : 66 Question Id : 1908899807 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Tartaric acid percentage in tamarind is

1. 15%
2. 8%
3. 20 %
4. 25 %

Options :

19088939121. 1

19088939122. 2

19088939123. 3

19088939124. 4

Question Number : 67 Question Id : 1908899808 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The inflorescence of which crop has indeterminate panicle and is polygamomonoecious?

1. Oilpalm
2. Palmyrah
3. Arecanut
4. Cashewnut

Options :

19088939125. 1

19088939126. 2

19088939127. 3

19088939128. 4

Question Number : 68 Question Id : 1908899809 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Crown choking in coconut is due to deficiency of

1. Molybdenum
2. Boron
3. Iron
4. Calcium

Options :

19088939129. 1

19088939130. 2

19088939131. 3

19088939132. 4

Question Number : 69 Question Id : 1908899810 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Tapping of rubber is done in the early hours of morning when the

1. Turgor pressure is maximum
2. Atmospheric humidity is high
3. Temperature is low
4. Light intensity is optimum

Options :

19088939133. 1

19088939134. 2

19088939135. 3

19088939136. 4

Question Number : 70 Question Id : 1908899811 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The per cent content of volatile oil in fresh curry leaves is

1. 3.6
2. 2.6
3. 1.0
4. 5.0

Options :

19088939137. 1

19088939138. 2

19088939139. 3

19088939140. 4

Part C : Fruit Science and Pomology

Section Id :	190889187
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889227
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 1908899812 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is/are NOT characteristic(s) of banana cultivar 'Grande Naine'?

- A. Dwarf stature
- B. Dessert and processing quality
- C. Susceptible to Sigatoka leaf disease and nematode
- D. Resistance to fusarium wilt (Race 1 and 2)

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

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

Options :

19088939141. 1

19088939142. 2

19088939143. 3

19088939144. 4

Question Number : 72 Question Id : 1908899813 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The gene *Er3* is a new major gene for Woolly Apple Aphid resistance has derived from

- 1. Northern Spy
- 2. Aotea 1
- 3. Robusta 5
- 4. Granny Smith

Options :

19088939145. 1

19088939146. 2

19088939147. 3

19088939148. 4

Question Number : 73 Question Id : 1908899814 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

1-Methylcyclopropene (1-MCP) is a competitive inhibitor of

1. Ethylene
2. ABA
3. Jasmonic acid
4. Salicylic acid

Options :

19088939149. 1

19088939150. 2

19088939151. 3

19088939152. 4

Question Number : 74 Question Id : 1908899815 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Agri-Export Zones identified for pineapple are in the states of

1. Tripura and West Bengal
2. Tripura and Bihar
3. Tripura and Sikkim
4. Tripura and Andhra Pradesh

Options :

19088939153. 1

19088939154. 2

19088939155. 3

19088939156. 4

Question Number : 75 Question Id : 1908899816 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following ICAR institute has developed the technologies for conservation of nuclear genetic diversity for many horticultural crops?

1. IIHR, Bangluru
2. NIPB, New Delhi
3. CISH, Lucknow
4. IARI, New Delhi

Options :

19088939157. 1

19088939158. 2

19088939159. 3

19088939160. 4

Question Number : 76 Question Id : 1908899817 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
Fruit crop species	Somatic chromosome
A. <i>Prunus avium</i>	I. 32
B. <i>Prunus cerasus</i>	II. 16
C. <i>Annona glabra</i>	III. 14
D. <i>Annona muricata</i>	IV. 28

Choose the correct answer from the options given below:

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

Options :

19088939161. 1

19088939162. 2

19088939163. 3

19088939164. 4

Question Number : 77 Question Id : 1908899818 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following combination contains apomictic *Malus* species?

- A. *M. baccata*, *M. sylvestris*, *M. orientalis*
- B. *M. asiatica*, *M. prunifolia*, *M. pumila*
- C. *M. mandshurica*, *M. fusca*, *M. pratii*
- D. *M. hupehensis*, *M. toringoides*, *M. coronaria*

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

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

Options :

19088939165. 1

19088939166. 2

19088939167. 3

19088939168. 4

Question Number : 78 Question Id : 1908899819 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'Chicken-tongue' seed formation in litchi is due to

- 1. Parthenogenesis
- 2. Stenospermocarpy
- 3. Failure of pollination
- 4. Nutritional deficiency

Options :

19088939169. 1

19088939170. 2

19088939171. 3

19088939172. 4

Question Number : 79 Question Id : 1908899820 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the best flower stage for emasculation in almond ?

1. Silver stage
2. Green stage
3. King bloom stage
4. Popcorn stage

Options :

19088939173. 1

19088939174. 2

19088939175. 3

19088939176. 4

Question Number : 80 Question Id : 1908899821 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Trifactor hypothesis, based on hormonal regulation, seeks to explain the flowering behaviour of

1. Papaya
2. Litchi
3. Mango
4. Peach

Options :

19088939177. 1

19088939178. 2

19088939179. 3

19088939180. 4

Question Number : 81 Question Id : 1908899822 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Role of phytochrome in seed is

1. Photoblasty
2. Embryo protection
3. Embryo abortion
4. Nutrient movement

Options :

19088939181. 1

19088939182. 2

19088939183. 3

19088939184. 4

Question Number : 82 Question Id : 1908899823 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as **Statement S** and the other is labelled as **Reason R**

Statement S : The fruit doubling in cherry is one of the important characters in warmer region.

Reason R : The high summer temperature during the flower bud differentiation cause double pistil formation which result into many double fruits.

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

1. S and R is true. S is correctly explained by R
2. Both S and R are true but R is NOT the correct explanation of S
3. S is true but R is false
4. S is false but R is true

Options :

19088939185. 1

19088939186. 2

19088939187. 3

19088939188. 4

Question Number : 83 Question Id : 1908899824 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is/are True for parthenocarpic pear fruit?

- A. Enlarge fruit size
- B. High shelf life and attractive fruit colour
- C. Lack of flavour and low soluble solids
- D. Pear does not set parthenocarpic fruit

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

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

Options :

19088939189. 1

19088939190. 2

19088939191. 3

19088939192. 4

Question Number : 84 Question Id : 1908899825 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
Banana cultivar	Genome
A. Bhimkol	I. BB
B. Bhat Manohar	II. AB
C. Rasthali	III. ABBB
D. Safed Velchi	IV. AAB

Choose the correct answer from the options given below:

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

Options :

19088939193. 1

19088939194. 2

19088939195. 3

19088939196. 4

Question Number : 85 Question Id : 1908899826 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

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

Assertion A: Peaches are very unique in their fruiting habit among the stone fruits and bear fruits on one year old shoot.

Reason R: Thus, frequency of pruning is high than other stone fruits.

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

Options :

19088939197. 1

19088939198. 2

19088939199. 3

19088939200. 4

Question Number : 86 Question Id : 1908899827 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'Suppressed climacteric' varieties are reported in

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

Options :

- 19088939201. 1
- 19088939202. 2
- 19088939203. 3
- 19088939204. 4

Question Number : 87 Question Id : 1908899828 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

NAGS (National Active Germplasm Sites) for mango is located at

- 1. ICAR-CISH, Lucknow
- 2. ICAR-IARI, New Delhi
- 3. ICAR-CIAH, Bikaner
- 4. CHES, Chethali.

Options :

- 19088939205. 1
- 19088939206. 2
- 19088939207. 3
- 19088939208. 4

Question Number : 88 Question Id : 1908899829 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following technique was used to develop browning free apple (Arctic apples) ?

- 1. Genome editing
- 2. Cisgenesis
- 3. RNAi
- 4. Hybridization

Options :

- 19088939209. 1
- 19088939210. 2
- 19088939211. 3

19088939212. 4

Question Number : 89 Question Id : 1908899830 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which is/are codominant molecular marker(s) ?

A. RAPD

B. RFLP

C. AFLP

D. SSR

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

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

Options :

19088939213. 1

19088939214. 2

19088939215. 3

19088939216. 4

Question Number : 90 Question Id : 1908899831 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

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

Assertion A : The dried plumes with the pit intact are referred as prunes

Reason R : The European plums are high in sugar thus preferred for prunes.

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

Options :

19088939217. 1

19088939218. 2

19088939219. 3

19088939220. 4

Question Number : 91 Question Id : 1908899832 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
Apple Rootstock	Parentage
A. M-26	I. M-27 × Robusta 5
B. P-22	II. M-8 × Red Standard
C. G-41	III. M-16 × M-9
D. B-9	IV. M-9 × Antonovka

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

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

Options :

19088939221. 1

19088939222. 2

19088939223. 3

19088939224. 4

Question Number : 92 Question Id : 1908899833 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which is/are NOT associated with pear decline ?

A. Caused by mycoplasma like organism

B. Transmitted by pear psylla

C. Sieve-tube necrosis

D. Xylem chocking and gummosis

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

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

Options :

19088939225. 1

19088939226. 2

19088939227. 3

19088939228. 4

Question Number : 93 Question Id : 1908899834 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

S-Allele genotypes of sweet cherry cultivar 'Lambert' are

1. S_3S_4
2. S_1S_3
3. S_1S_2
4. S_3S_6

Options :

19088939229. 1

19088939230. 2

19088939231. 3

19088939232. 4

Question Number : 94 Question Id : 1908899835 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is an example of monoaxial fruit plant ?

1. Pomegranate
2. Cherry
3. Phalsa
4. Papaya

Options :

19088939233. 1

19088939234. 2

19088939235. 3

19088939236. 4

Question Number : 95 Question Id : 1908899836 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

'Acid growth hypothesis' explains the mechanism of action of

1. Auxins
2. Gibberellins
3. Cytokinin
4. Ethylene

Options :

19088939237. 1

19088939238. 2

19088939239. 3

19088939240. 4

Question Number : 96 Question Id : 1908899837 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Desapping is practised in which fruit crop?

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

Options :

19088939241. 1

19088939242. 2

19088939243. 3

19088939244. 4

Question Number : 97 Question Id : 1908899838 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the genomic group of Klue Teparod banana as reclassified by Jenny *et al.* (1997)?

1. ABB
2. AAB
3. AABB
4. ABBB

Options :

19088939245. 1

19088939246. 2

19088939247. 3

19088939248. 4

Question Number : 98 Question Id : 1908899839 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following statement is **NOT** true for the development of Vitamin A Super Banana?

1. Super Banana modified with *PSY2a* gene.
2. *PSY2a* gene is derived from *auspina banana*.
3. Received fund from Bill and Melinda Gates Foundation.
4. Development is targeted to children from the USA.

Options :

19088939249. 1

19088939250. 2

19088939251. 3

19088939252. 4

Question Number : 99 Question Id : 1908899840 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is percentage of **light** passed by 75 % Shade Net?

1. 75 %
2. 25%
3. 12.5%
4. 37.5 %

Options :

19088939253. 1

19088939254. 2

19088939255. 3

19088939256. 4

Question Number : 100 Question Id : 1908899841 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the mode of inheritance for susceptibility to bacterial canker in mango?

1. Dominant
2. Recessive
3. Additive
4. Cytoplasmic

Options :

19088939257. 1

19088939258. 2

19088939259. 3

19088939260. 4

**Question Number : 101 Question Id : 1908899842 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Arrange the fruit ripening stages of Date Palm starting from the fruit set to ripening

A. Doka

B. Pind

C. Gandora

D. Dang

Choose the correct answer from the options given below

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

Options :

19088939261. 1

19088939262. 2

19088939263. 3

19088939264. 4

**Question Number : 102 Question Id : 1908899843 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Which of the following apomixis is further grouped into Apospory and Diplospory?

1. Sporophytic apomixis
2. Gametophytic apomixis
3. Vegetative apomixis
4. Facultative apomixis

Options :

19088939265. 1

19088939266. 2

19088939267. 3

19088939268. 4

Question Number : 103 Question Id : 1908899844 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
Fruit crop	Disease
A. Banana	I. Felt disease
B. Apple	II. Oak root fungus
C. Citrus	III. Premature leaf fall
D. Cherry	IV. Moko disease

Choose the correct answer from the options given below:

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

Options :

19088939269. 1

19088939270. 2

19088939271. 3

19088939272. 4

Question Number : 104 Question Id : 1908899845 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following statement (s) is/are **NOT TRUE** for the fruit crop pineapple?

- A. Pineapple is terrestrial and has drought tolerant ability.
- B. Fruits are usually parthenocarpic.
- C. Pineapple fruit is a type of syncarp or multiple fruit.
- D. Pineapple is an epiphyte.

Choose the correct answer from the options given below

- 1. Only A, B, C
- 2. Only C
- 3. Only A, B
- 4. Only D

Options :

19088939273. 1

19088939274. 2

19088939275. 3

19088939276. 4

Question Number : 105 Question Id : 1908899846 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

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

Assertion A: Shoot tip grafting is mainly used in citrus for the production of virus-free quality planting materials.

Reason R: The shoot tips do not have vascular connections with the rest of the plant thus eliminate viruses.

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

Options :

19088939277. 1

19088939278. 2

19088939279. 3

19088939280. 4

**Question Number : 106 Question Id : 1908899847 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Which of the following *Musa* species is reported to be non-stoloniferous?

1. *Musa cheesmani*
2. *Musa acuminata*
3. *Musa agharkarii*
4. *Musa flaviflora*

Options :

19088939281. 1

19088939282. 2

19088939283. 3

19088939284. 4

**Question Number : 107 Question Id : 1908899848 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Arrange the mango varieties according to their year of development (Past to Present)

A. Pusa Pratibha

B. Mallika

C. Amrapali

D. Pusa Manohari

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

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

Options :

- 19088939285. 1
- 19088939286. 2
- 19088939287. 3
- 19088939288. 4

Question Number : 108 Question Id : 1908899849 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the most primitive cultivated type of fig?

- 1. Common fig
- 2. Smyrna fig
- 3. Caprifig
- 4. San Pedro fig

Options :

- 19088939289. 1
- 19088939290. 2
- 19088939291. 3
- 19088939292. 4

Question Number : 109 Question Id : 1908899850 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the concentration of gibberellic acid (GA) used to extend the shelf life of Sapota?

- 1. 50 ppm
- 2. 100 ppm
- 3. 150 ppm
- 4. 250 ppm

Options :

- 19088939293. 1
- 19088939294. 2
- 19088939295. 3

19088939296. 4

Question Number : 110 Question Id : 1908899851 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
<i>Mangifera species</i>	Trait
A. <i>Mangifera zeylanica</i>	I. Water-logging tolerance
B. <i>Mangifera andamanica</i>	II. Anthracnose resistance
C. <i>Mangifera laurina</i>	III. Low-temperature tolerance
D. <i>Mangifera sylvatica</i>	IV. Salt tolerance

Choose the correct answer from the options given below:

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

Options :

19088939297. 1

19088939298. 2

19088939299. 3

19088939300. 4

Question Number : 111 Question Id : 1908899852 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following species of *Vasconcellea* has resistance to viruses?

1. *Vasconcellea monoica*
2. *Vasconcellea candamarcensis*
3. *Vasconcellea pentagona*
4. *Vasconcellea cauliflora*

Options :

19088939301. 1

19088939302. 2

19088939303. 3

19088939304. 4

**Question Number : 112 Question Id : 1908899853 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

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

Assertion A: The polyembryonic mango genotypes have produced true to true type of seedlings except for the zygotic ones, thus used as clonal rootstock.

Reason R: The polyembryonic seedlings are produced through the double fertilization process thus they are genetically similar to the mother plant.

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

Options :

19088939305. 1

19088939306. 2

19088939307. 3

19088939308. 4

**Question Number : 113 Question Id : 1908899854 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Which of the following genetic symbol is used for the hermaphrodite form in grape?

1. M_m
2. MM or MM^h
3. mm
4. M^h or $M^h M^h$

Options :

19088939309. 1

19088939310. 2

19088939311. 3

19088939312. 4

**Question Number : 114 Question Id : 1908899855 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

The lime induced chlorosis in citrus is due to deficiency of

1. Zinc
2. Iron
3. Boron
4. Calcium

Options :

19088939313. 1

19088939314. 2

19088939315. 3

19088939316. 4

**Question Number : 115 Question Id : 1908899856 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

The gene Hcrvf₂ was used in cisgenic apple for imparting the resistance to

1. Woolly apple aphid
2. Burr Knot
3. Spider mite
4. Scab

Options :

19088939317. 1

19088939318. 2

19088939319. 3

19088939320. 4

Question Number : 116 Question Id : 1908899857 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The economic impact of the pear mutant variety "Gold Nijisseiki" is well documented. Which of the following is/are not true for this mutant?

- A. It is a Japanese pear (*Pyrus pyrifolia*).
- B. Developed through chronic radiation in the gamma field.
- C. Derived from parent Nijisseiki.
- D. It has a high resistance to black spot disease.
- E. It has a high tolerance to fire blight disease.

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

- 1. A, B and D only
- 2. A, D and E only
- 3. B only
- 4. E only

Options :

19088939321. 1

19088939322. 2

19088939323. 3

19088939324. 4

Question Number : 117 Question Id : 1908899858 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the ploidy level of **Kyoho** grape?

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

Options :

19088939325. 1

19088939326. 2

19088939327. 3

19088939328. 4

**Question Number : 118 Question Id : 1908899859 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Starch iodine test is usually practiced to judge the fruit maturity of

1. Kiwi fruit
2. Apple
3. Sapota
4. Mango

Options :

19088939329. 1

19088939330. 2

19088939331. 3

19088939332. 4

**Question Number : 119 Question Id : 1908899860 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement I: Avocado flowers are morphologically bisexual but functionally unisexual.

Statement II: The flower is functionally pistillate (female) during the first opening and staminate (male) during second opening.

In light of the above statements, choose the *correct* 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

Options :

19088939333. 1

19088939334. 2

19088939335. 3

19088939336. 4

**Question Number : 120 Question Id : 1908899861 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Which of the following is closely linked with the vitrification technique?

1. Stratification
2. Scarification
3. Enology
4. Cryopreservation

Options :

19088939337. 1

19088939338. 2

19088939339. 3

19088939340. 4