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TSPSC HO

Previous Year Paper
(Horticulture) Paper-II
17 June, 2023 Shift 1

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TCSiON CAE

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name :	PC22242HorticultureHO2224 17th June 2023 Shift 2
Subject Name :	PC22242 Horticulture HO2224
Actual Answer Key :	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No
Is this Group for Examiner? :	No
Examiner permission :	Cant View

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Show Progress Bar? : No

Enable Mark as Answered Mark for Review and Clear Response : Yes

Maximum Instruction Time : 0

Is Section Default? : null

Question Number : 1 Question Id : 630680231669 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following.

Agro-climatic region		Indian state	
I	Humid to semi-arid western ghats	1	Tamil Nadu
II	Humid western Himalayan region	2	Arunachal Pradesh
III	Humid eastern Himalayan region	3	Kumaon and Garhwal in Uttaranchal

Options :

1. ✖ I-2, II-3, III-1

2. ✖ I-1, II-2, III-3

3. ✔ I-1, II-3, III-2

4. ✖ I-2, II-1, III-3

Question Number : 2 Question Id : 630680231670 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

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Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of package of rejuvenation technology for mango, arrange the following steps from first to last.

P. Heading back of 3-5 wide angled branches at approximately 2.5 to 3.0 m height from ground and thinning out of remaining branches from their base.

Q. Fertilizer application, viz.; 2.5 kg urea, 3.0 kg single super phosphate and 1.5 kg muriate of potash along with 50 kg FYM followed by light irrigation.

R. Thinning of excessive shoots to allow only 6-8 healthy shoots per branch for ideal canopy development.

Options :

1. ✔ P, Q, R

2. ✖ R, P, Q

3. ✖ Q, R, P

4. ✖ Q, P, R

Question Number : 3 Question Id : 630680231671 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the recommended time of pruning for rejuvenation of old senile orchards of cashew?

Options :

1. ✖ December-January

2. ✖ January-February

3. ✖ October-November

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4. ✔ May-June

Question Number : 4 Question Id : 630680231672 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

A cultivator has 10 hectares of land. He has grown bottle gourd over 9 hectares of land during kharif, cauliflower over 6 hectares of land during rabi. Calculate cropping intensity index for the given farm.

Options :

1. ✖ 230 percent

2. ✔ 150 percent

3. ✖ 170 percent

4. ✖ 320 percent

Question Number : 5 Question Id : 630680231673 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following refers to the initial growth of ovary and its associated parts after blossoming and taking it to maturity?

Options :

1. ✔ Fruit setting

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2. ✖ Fruitfullness

3. ✖ Infertility

4. ✖ Self-fertility

Question Number : 6 Question Id : 630680231674 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the case of brinjal there are four types of flowers according to their length of style, which type do not produce any fruit?

Options :

1. ✖ Long

2. ✖ Medium

3. ✖ Long and true short

4. ✔ True short and pseudo short

Question Number : 7 Question Id : 630680231675 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of layout of orchards, quincunx system can be followed when the distance between the permanent trees is _____.

Options :

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1. ✖ between 2m to 3m

2. ✖ between 4m to 7m

3. ✖ less than 2m

4. ✔ more than 10m

Question Number : 8 Question Id : 630680231676 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Under which of the following conditions registration or certification may be refused suspended or cancelled for any plant in part or all of plating stock?

I. If a registered mother tree is found virus-infected after periodic indexing

II. If the registration number is misused

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 9 Question Id : 630680231677 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

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Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding Translocated Graft Incompatibility?

I. In this type, phloem degeneration takes place, resulting in the formation of a brown line and a necrotic area in the bark.

II. One of the important examples of this type is that of 'Hale's Early' peach grafted on 'Myrobalan B' plum rootstock.

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 10 Question Id : 630680231678 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding 'Double Dormancy'?

I. In certain plant species, seeds have dormancy due to hard seed coats and dormant embryos.

II. It is found in trees and shrubs producing seeds with hard seed coats, not grown in cold winter area.

III. To overcome the problem of double dormancy, the seeds are first treated to soften the seed coat and then subjected to cold stratification treatment.

Options :

1. ✖ I, II and III

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2. ✖ Only II and III

3. ✔ Only I and III

4. ✖ Only I and II

Question Number : 11 Question Id : 630680231679 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of sexual propagation, arrange the given physiological stages of seed development from first to last.

P. Embryo differentiation

Q. Cell expansion

R. Maturation drying

Options :

1. ✖ Q, R, P

2. ✖ Q, P, R

3. ✔ P, Q, R

4. ✖ R, P, Q

Question Number : 12 Question Id : 630680231680 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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Correct Marks : 2 Wrong Marks : 0

Which of the following nursery operation involves the removal of growing points of shoots of a plant along with some leaves and this nursery operation is also known as stopping?

Options :

1. ✔ Pinching

2. ✖ Pricking

3. ✖ Mulching

4. ✖ Shading

Question Number : 13 Question Id : 630680231681 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following pair is correct in the context of role of auxins?

I. Tropism – Different orientation of plant part in response to gravity

II. Phototropism – Bending of the plants towards light

Options :

1. ✖ Only I

2. ✔ Only II

3. ✖ Both I and II

4. ✖ Neither I nor II

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Question Number : 14 Question Id : 630680231682 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

At how much operating pressure, high pressure drip system works?

Options :

1. ✔ 30 psi or more

2. ✖ less than 5 psi

3. ✖ 10 psi to 12 psi

4. ✖ 15 psi to 20 psi

Question Number : 15 Question Id : 630680231683 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of following statement is correct regarding apple proliferation disease?

I. Its symptoms appear on only fruits, not on any other part of plants

II. The proliferation is caused by the growth of dormant axillary buds in the summer, occurring mostly on the vigorously growing shoots of young trees.

Options :

1. ✖ Only I

2. ✔ Only II

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3. ✖ Both I and II

4. ✖ Neither I nor II

Question Number : 16 Question Id : 630680231684 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

'Primorskij' is one of the exotic variety of almond and it blooms during second week of _____.

Options :

1. ✖ September

2. ✖ October

3. ✖ November

4. ✔ March

Question Number : 17 Question Id : 630680231685 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the parentage of the mango hybrid 'Sindhu'?

Options :

1. ✖ Amrapali × Sensation

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2. ✔ Ratna × Alphonso

3. ✖ Neelum × Dashehari

4. ✖ Alphonso × Banganpalli

Question Number : 18 Question Id : 630680231686 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of climate and soil for mango, the ideal pH range is from _____.

Options :

1. ✖ 9 to 10

2. ✖ 13 to 14

3. ✖ 10.5 to 11.5

4. ✔ 6.5 to 7.5

Question Number : 19 Question Id : 630680231687 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

For export market, bunches of banana should be harvested at what percent maturity?

Options :

1. ✖ 30-40 percent

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2. ✖ 25-30 percent

3. ✔ 75-80 percent

4. ✖ 15-20 percent

Question Number : 20 Question Id : 630680231688 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding the 'clean cultivation' a method of soil management in orchard management?

I. The space between plants is kept clean by tillage and removal of weeds.

II. There is loss of nutrient through excessive leaching.

III. Helps in breaking hard top and abstructions in the infiltration of water.

Options :

1. ✔ I, II and III

2. ✖ Only II and III

3. ✖ Only I and III

4. ✖ Only I and II

Question Number : 21 Question Id : 630680231689 Option Shuffling : Yes Is Question

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Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of orchard management, arrange the following crops in terms of their duration for intercrop (in increasing order).

P. Banana

Q. Ber

R. Litchi

Options :

1. ✖ Q, R, P

2. ✖ Q, P, R

3. ✔ P, Q, R

4. ✖ R, P, Q

Question Number : 22 Question Id : 630680231690 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of following are the symptoms of powdery mildew of apple?

I. On leaves the symptoms most often are seen as whitish, felt-like patches of fungal mycelium and spores.

II. Lesions may also appear on the upper surface as chlorotic spots.

Options :

1. ✖ Only I

2.

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✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 23 Question Id : 630680231691 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following the context of orchard management.

Horticultural Crop		**Recommended Intercrop**	
I	Banana	1	Coriander
II	Turmeric	2	Sunhemp
III	Areca nut	3	Pineapple

Options :

1. ✖ I-2, II-3, III-1

2. ✖ I-1, II-2, III-3

3. ✖ I-1, II-3, III-2

4. ✔ I-2, II-1, III-3

Question Number : 24 Question Id : 630680231692 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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Correct Marks : 2 Wrong Marks : 0

Which of the following principles should be observed while growing intercrops?

I. Intercrops should not occupy the area where the roots of the fruit trees are concentrated.

II. Soil fertility should be maintained or improved when intercrops are grown.

III. Water requirements of the intercrops should not clash with those of the main fruit trees i.e., the intercrop may require irrigation at a time when it would be detrimental to the trees.

Options :

1. ✔ I, II and III

2. ✖ Only II and III

3. ✖ Only I and III

4. ✖ Only I and II

Question Number : 25 Question Id : 630680231693 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The optimum temperature for successful cultivation of pineapple is _____.

Options :

1. ✖ 10 – 12°C

2. ✖ 14 – 15°C

3. ✖ 2 – 6°C

4.

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✔ 22 – 32°C

Question Number : 26 Question Id : 630680231694 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following pair of 'fruit crop – disease related to it' is correct?

I. Mango – Powdery Mildew

II. Banana – Panama Wilt

III. Grapevine – Dead-arm

Options :

1. ✔ I, II and III

2. ✖ Only II and III

3. ✖ Only I and III

4. ✖ Only I and II

Question Number : 27 Question Id : 630680231695 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

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In the context of winter pruning, arrange the following varieties of grape according to number of buds per cane (in increasing order).

P. Bhokri

Q. Gulabi

R. Perlette

Options :

1. ✖ R, P, Q

2. ✖ Q, R, P

3. ✖ Q, P, R

4. ✔ P, Q, R

Question Number : 28 Question Id : 630680231696 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Pachanadan is variety of which fruit crop?

Options :

1. ✔ Banana

2. ✖ Ber

3. ✖ Apple

4. ✖ Avocado

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Question Number : 29 Question Id : 630680231697 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Harijha is a variety of which fruit crop?

Options :

1. ✔ Guava

2. ✖ Apricot

3. ✖ Jamun

4. ✖ Date palm

Question Number : 30 Question Id : 630680231698 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following pair of 'Nutrient – Vegetable' is correct?

I. Vitamin B_8 – Cauliflower

II. Potassium – Sweet potato

III. Iron – Onion

Options :

1. ✖ Only I

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2. ✖ Only II

3. ✖ Only II and III

4. ✔ I, II and III

Question Number : 31 Question Id : 630680231699 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Lycopene carotenoid is found in which vegetable?

Options :

1. ✖ Pumpkin

2. ✖ Pea and beans

3. ✖ Orange carrot

4. ✔ Tomato

Question Number : 32 Question Id : 630680231700 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

For obtaining an early crop, sowing of muskmelon and other cucurbits is done in polythene bags of _____ size and 100-gauge thickness, in end of January.

Options :

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1. ✖ 140 × 60 cm

2. ✖ 15 × 130 cm

3. ✔ 15 × 10 cm

4. ✖ 80 × 10 cm

Question Number : 33 Question Id : 630680231701 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following.

Variety		Vegetable crops	
I	Kashi Dhawal	1	Carrot
II	Pusa kesar	2	Broccoli
III	Palam Vichitra	3	Ash Gourd

Options :

1. ✖ I-1, II-2, III-3

2. ✖ I-2, II-3, III-1

3. ✖ I-1, II-3, III-2

4. ✔ I-3, II-1, III-2

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Question Number : 34 Question Id : 630680231702 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Blossom end rot is a physiological disorder of Tomato. How it can be controlled?

I. This disorder is decreased by increasing the frequency of irrigation

II. Single foliar spray of 0.5 percent calcium chloride ($CaCl_2$) at the time of fruit development

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 35 Question Id : 630680231703 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of nursery for brinjal, the seedlings are ready for transplanting in about _____.

Options :

1. ✖ 12-16 weeks

2. ✔ 4-5 weeks

3. ✖ 18-20 weeks

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4. ✖ 20-24 weeks

Question Number : 36 Question Id : 630680231704 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What soil pH is ideal for the carrot?

Options :

1. ✖ 13

2. ✖ 2.5

3. ✔ 6.5

4. ✖ 12

Question Number : 37 Question Id : 630680231705 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following are the agronomic principles of vegetable seed production?

I. Preparation of land

II. Seed rate and depth of sowing

III. Method of Planting

Options :

1. ✔ I, II and III

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2. ✖ Only II and III

3. ✖ Only I and III

4. ✖ Only I and II

Question Number : 38 Question Id : 630680231706 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

How much isolation distance is required for the production of foundation seeds of Cabbage?

Options :

1. ✖ 50 metres

2. ✖ 1000 metres

3. ✖ 200 metres

4. ✔ 1600 metres

Question Number : 39 Question Id : 630680231707 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following are the disadvantages of Mass selection?

I. The selection is based entirely on phenotypic performance of the mother plants.

II. There is no control over the pollen parent.

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Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 40 Question Id : 630680231708 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following in increasing order.

P. Yield (tonnes/ha) of dry chillies in rainfed areas

Q. Yield (tonnes/ha) of green chillies in rainfed areas

R. Yield (tonnes/ha) of dry chillies in irrigated areas

Options :

1. ✔ P, R, Q

2. ✖ Q, P, R

3. ✖ P, Q, R

4. ✖ R, P, Q

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Question Number : 41 Question Id : 630680231709 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

'Himangi' is a variety of which crop?

Options :

1. ✖ Cowpea

2. ✖ Curryleaf

3. ✔ Cucumber

4. ✖ Garlic

Question Number : 42 Question Id : 630680231710 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of genetic principles of vegetable seed production, arrange the following elements of FOUR generation seed multiplication model from first to last.

P. Foundation seed (I)

Q. Foundation seed (II)

R. Breeder seed

S. Certified seed

Options :

1. ✔ R, P, Q, S

2. ✖ S, Q, R, P

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3. ✖ P, S, Q, R

4. ✖ R, P, S, Q

Question Number : 43 Question Id : 630680231711 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In landscape design, which of the following refers to change in garden or landscape with time in space and volume?

Options :

1. ✔ Mobility

2. ✖ Style

3. ✖ Habit

4. ✖ Form

Question Number : 44 Question Id : 630680231712 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is a formal garden which is set below the main level of ground surrounding it called?

Options :

1. ✖ Scree Garden

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2. ✖ Bog Garden

3. ✔ Sunken Garden

4. ✖ Moon Garden

Question Number : 45 Question Id : 630680231713 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

A small pavilion structure situated at an elevated place from where an aerial view of garden can be seen is called _____.

Options :

1. ✖ Topiary

2. ✔ Gazebo

3. ✖ Trellis

4. ✖ Pergolas

Question Number : 46 Question Id : 630680231714 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Pagodas is one of the features of _____.

Options :

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1. ✖ Persian Garden

2. ✖ French Garden

3. ✔ Japanese Garden

4. ✖ English Garden

Question Number : 47 Question Id : 630680231715 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Who among the following gave the concept of wild style of gardening?

Options :

1. ✖ Anna Pavord

2. ✔ William Robinson

3. ✖ Charles Jencks

4. ✖ Ralph Austen

Question Number : 48 Question Id : 630680231716 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following styles of bonsai is characterized by slender trunk which tapers gradually from the base to apex?

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Options :

1. ✔ Bunjin Style

2. ✖ Raft style

3. ✖ Driftwood style

4. ✖ Clump style

Question Number : 49 Question Id : 630680231717 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is one of the key features of free style of gardening?

I. Non-geometrical beds and borders.

II. Well defined borders with hedges and edges.

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 50 Question Id : 630680231718 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

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Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding the Mughal Gardens?

I. They are synonymous to formal style of gardening.

II. They are symmetrically designed in rectangular or square plots.

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 51 Question Id : 630680231719 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding the Bio-Aesthetic planning?

I. It deals with planting of ornamental plants.

II. The term bio-aesthetic planning was coined by Lancelot Hogben.

III. Bio-aesthetic planned city in South India is Bengaluru.

Options :

1. ✖ Only I and II

2. ✖ Only II and III

3. ✖ Only II

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4. ✔ I, II and III

Question Number : 52 Question Id : 630680231720 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Based on trunk characteristics palms are divided into five groups. Match the following groups with their corresponding examples.

	Groups		Examples
I	Clumping	1	*Chamaedorea*
II	Subterranean branching	2	*Salacca zalacca*
III	Aerial branching	3	*Cocos nucifera*

Options :

1. ✖ I-2, II-1, III- 3

2. ✖ I-1, II-3, III- 2

3. ✔ I-1, II-2, III- 3

4. ✖ I-3, II-2, III- 1

Question Number : 53 Question Id : 630680231721 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

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Which of the following pair of gardening tools and their uses is correct?

I. Hose pipe – To irrigate flower beds
II. Bill hook – For loosening the soil
III. Trenching hoe - To measure the girth of tree trunks

Options :

1. ✔ Only I

2. ✖ Only II and III

3. ✖ Only I and II

4. ✖ I, II and III

Question Number : 54 Question Id : 630680231722 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

There is a set pattern for judging different categories of plants and a specimen blooms and marks are awarded accordingly. Arrange the marks for annual score card in the decreasing order.

A. General appearance
B. Rarity of the specimen
C. Quality and Quantity of bloom
D. Display and colour scheme

Options :

1. ✖ A-B-D-C

2. ✖ C-B-D-A

3. ✔ C-A-B-D

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4. ✖ B-D-A-C

Question Number : 55 Question Id : 630680231723 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following gardens in the order of time in which they were established.

A. Botanical Garden, F.R.I, Dehradun, Uttarakhand
B. Deeg Palace Garden, Bharatpur, Rajasthan
C. Rock Garden, Chandigarh

Options :

1. ✖ A-C-B

2. ✖ B-C-A

3. ✖ A-B-C

4. ✔ B-A-C

Question Number : 56 Question Id : 630680231724 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Crop of black pepper takes how many months from flowering to harvest?

Options :

1. ✔ 6 – 8

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2. ✖ 12 – 15

3. ✖ 1 – 2

4. ✖ 22 – 24

Question Number : 57 Question Id : 630680231725 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following pair of 'spice – its value-added product' is correct?

I. Turmeric – Curcuminoids

II. Cinnamon – Root-bark oil

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 58 Question Id : 630680231726 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

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Which of the following statement is correct regarding the harvesting and post-harvest management of cumin?

I. Generally, cumin crop takes 90 – 120 days to reach maturity

II. Harvesting should be done when plants turn yellowish brown preferably early in morning by uprooting the whole plant

Options :

1. ✔ Only I

2. ✖ Only II

3. ✖ Both I and II

4. ✖ Neither I nor II

Question Number : 59 Question Id : 630680231727 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The optimum soil pH preferred for ginger is _____.

Options :

1. ✔ 6.0 – 6.5

2. ✖ 11.5 –12.5

3. ✖ 13 – 14

4. ✖ 9 – 10

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Question Number : 60 Question Id : 630680231728 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following varieties of turmeric according to their crop duration (days) in increasing order.

P. Suguna

Q. Rajendra Sonia

R. CO 1

Options :

1. ✔ P, Q, R

2. ✖ R, P, Q

3. ✖ Q, R, P

4. ✖ Q, P, R

Question Number : 61 Question Id : 630680231729 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of Glory lily, in tubers the colchicine content varies from _____.

Options :

1. ✔ 0.15 to 0.3 percent

2. ✖ 0.9 to 1.3 percent

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3. ✖ 0.7 to 0.8 percent

4. ✖ 1.6 to 2.8 percent

Question Number : 62 Question Id : 630680231730 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct about 'Senna'?

I. It is grown as an annual shrub in the rainfed areas, mainly for its medicinal properties particularly for its laxative principle.

II. Senna pods and leaves are also used in the form of decoction, powder and many other herbal preparations.

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 63 Question Id : 630680231731 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The Asalio crop is ready within a period of how many days?

Options :

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1. ✖ 360 – 480

2. ✖ 180 – 280

3. ✖ 5 – 10

4. ✔ 90 – 120

Question Number : 64 Question Id : 630680231732 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statement is correct regarding the importance and chemical composition of Belladonna?

I. Leaves and roots of belladonna contain tropane alkaloids whose concentration varies from 0.13 to 0.70 percent

II. Belladonna leaves are widely used for the manufacture of tinctures and plasters

III. Belladonna is also used in the treatment of renal and binary colic, stomach disorders

Options :

1. ✔ I, II and III

2. ✖ Only II and III

3. ✖ Only I and III

4. ✖ Only I and II

Question Number : 65 Question Id : 630680231733 Option Shuffling : Yes Is Question

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Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following

Medicinal and Aromatic Plants		Varieties	
I	Dioscorea	1	Arka Upkar
II	Kasi Kateri	2	Arka Sanjeevini
III	Medicinal Coleus	3	Maimul

Options :

1. ✔ I-1, II-2, III-3

2. ✖ I-2, II-3, III-1

3. ✖ I-2, II-1, III-3

4. ✖ I-3, II-1, III-2

Question Number : 66 Question Id : 630680231734 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

'Sawney' is a variety of which spice crop?

Options :

1. ✖ Black pepper

2. ✔ Large Cardamon

3. ✖ Betelvine

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4. ✖ Clove

Question Number : 67 Question Id : 630680231735 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following varieties of Black pepper in the increasing order of their average yield (in kg/ha).

P. Panniyur 2

Q. Panniyur 5

R. Panniyur 8

Options :

1. ✖ P, Q, R

2. ✖ Q, R, P

3. ✔ Q, P, R

4. ✖ P, R, Q

Question Number : 68 Question Id : 630680231736 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of Guggal, the plantation is ready for harvesting in _____.

Options :

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1. ✖ 13 – 16 years

2. ✖ 20 – 21 years

3. ✔ 5 – 8 years

4. ✖ 3 – 4 months

Question Number : 69 Question Id : 630680231737 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The most heat-resistant pathogen in foods, especially those processed and stored under low-acid anaerobic conditions is _____.

Options :

1. ✔ *Clostridium botulinum*

2. ✖ *Shigella*

3. ✖ *Staphylococcus aureus*

4. ✖ *Toxoplasma gondii*

Question Number : 70 Question Id : 630680231738 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

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In alkaline pH, the anthocyanins tend to become _____.

Options :

1. ✖ green

2. ✖ purple

3. ✔ blue

4. ✖ red

Question Number : 71 Question Id : 630680231739 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Punnet packing is suitable for which of these horticulture produces?

Options :

1. ✖ Mango

2. ✔ Strawberry

3. ✖ Potato

4. ✖ Drum stick

Question Number : 72 Question Id : 630680231740 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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Correct Marks : 2 Wrong Marks : 0

What percentage of salt content is required to prevent microbial spoilage when preserving fruits and vegetables?

Options :

1. ✖ 5 percent – 10 percent

2. ✖ 10 percent – 15 percent

3. ✔ 15 percent and above

4. ✖ Less than 5 percent

Question Number : 73 Question Id : 630680231741 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is a maturity index for avocado?

Options :

1. ✖ Fruit retention strength

2. ✔ Oil content

3. ✖ Juice content

4. ✖ Abscission layer

Question Number : 74 Question Id : 630680231742 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

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Time : 0

Correct Marks : 2 Wrong Marks : 0

The lethal temperature for control of plant parasitic nematodes is considered to be around _____.

Options :

1. ✔ 45°C.

2. ✖ 35°C.

3. ✖ 20°C.

4. ✖ 25°C.

Question Number : 75 Question Id : 630680231743 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following physiological disorders of storage organs are related to low calcium (Ca) content of the tissue?

I. Cork spot in pears

II. Red blotch of lemons

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

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Question Number : 76 Question Id : 630680231744 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

With respect to methods for judging maturity for different horticulture crops, which of the following statements is correct regarding heat units/day degree?

I. The degree day is based on a growth-temperature relation.

II. Heat units are not useful for photoperiod sensitive species.

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 77 Question Id : 630680231745 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding the pre-harvest factor called mineral nutrition?

I. High levels of Nitrogen (N) tend to increase flavour of a fruit.

II. Potassic fertilizers improves keeping quality of fruits and vegetables.

III. The storage potential of fruits is largely dependent on the level of Ca.

Options :

1. ✖ Only I and II

2. ✔ Only II and III

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3. ✖ Only I

4. ✖ I, II and III

Question Number : 78 Question Id : 630680231746 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding the management of Reniform nematode *(Rotylenchulus reniformis)*?

I. Short periods of flooding reduce nematode population in the field.

II. All granular nematicides reduce *Rotylenchulus reniformis* densities in tomato.

III. Single foliar application of oxamyl reduced the nematode penetration.

Options :

1. ✖ Only I and III

2. ✖ Only III

3. ✖ Only I and II

4. ✔ I, II and III

Question Number : 79 Question Id : 630680231747 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

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Match the following with respect to the causes of defects in various horticulture products.

	Damage		Defects
I	Bitter pit	1	Nutritional deficiency
II	Sprouting	2	Improper cultural practices
III	Green spot (potato)	3	Improper cold storage
IV	Dry circular crevices	4	Physiological disorders

Options :

1. ✔ I-4, II-3, III-2, IV-1

2. ✖ I-2, II-3, III-4, IV-1

3. ✖ I-3, II-1, III-2, IV-4

4. ✖ I-4, II-2, III-1, IV-3

Question Number : 80 Question Id : 630680231748 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

With respect to 'Relative humidity' a factor responsible for deterioration of horticulture produce, which of the following pairs is correct?

I. Low Temperature & Low Relative Humidity – Moderate deterioration

II. High Temperature & Low Humidity - Very high deterioration

III. Low Temperature & High Relative Humidity – Low deterioration

Options :

1. ✖ Only I and II

2. ✖ Only II and III

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3. ✔ I, II and III

4. ✖ Only I

Question Number : 81 Question Id : 630680231749 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the storage life (weeks) of given vegetables in the increasing order and choose the correct option.

A. Garlic

B. Coriander leaves

C. Cucumber

D. Ginger

Options :

1. ✖ B-D-A-C

2. ✖ C-A-D-B

3. ✖ B-C-D-A

4. ✔ C-B-D-A

Question Number : 82 Question Id : 630680231750 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

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Curing is accomplished by holding the produce at high temperature and high relative humidity for several days. Arrange the following commodities in the decreasing order of their curing time given in days.

A. Sweet potato

B. Irish potato

C. Onion and garlic

D. Yam

Options :

1. ✔ B-A-D-C

2. ✖ A-D-C-B

3. ✖ D-C-B-A

4. ✖ B-C-D-A

Question Number : 83 Question Id : 630680231751 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Mendel selected which of the following plants as his experimental material?

Options :

1. ✖ Ginger

2. ✖ Radish

3. ✔ Garden pea

4.

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✖ Onion

Question Number : 84 Question Id : 630680231752 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

_____ is the phenomenon in which the leaves of a plant become devoid of any pigment and look bleached or white.

Options :

1. ✖ Hyperplasia

2. ✔ Albilinism

3. ✖ Chlorosis

4. ✖ Chromosis

Question Number : 85 Question Id : 630680231753 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following plants is an example of perfect flower?

Options :

1. ✔ Cotton

2. ✖ Papaya

3. ✖ Maize

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4. ✖ Castor

Question Number : 86 Question Id : 630680231754 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is NOT involved in disease triangle?

Options :

1. ✖ Host

2. ✖ Pathogen

3. ✖ Environment

4. ✔ Time

Question Number : 87 Question Id : 630680231755 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is an example of often cross- pollinated crop?

Options :

1. ✖ Almond

2. ✔ Safflower

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3. ✖ Chestnut

4. ✖ Fig

Question Number : 88 Question Id : 630680231756 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is NOT a stem parasite?

Options :

1. ✖ Cuscuta

2. ✖ Arceuthobium

3. ✖ Mistletoes

4. ✔ Striga

Question Number : 89 Question Id : 630680231757 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

With respect to genetic variance, total variance of a quantitative trait in plants may be mathematically expressed as _____.

(Where VP = total phenotypic variance of the segregating population, VG = genetic variance, VE = environmental variance, and VGE = variance associated with the genetic and environmental interaction)

Options :

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1. ✖ $VP = VE + VGE - VG$

2. ✖ $VP = VE + VGE$

3. ✖ $VP + VGE = VE + VG$

4. ✔ $VP = VG + VE + VGE$

Question Number : 90 Question Id : 630680231758 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding the Mendel's laws of inheritance?

I. Dominant genes produce a specific phenotype while the recessive genes fail to do so.

II. Law of segregation is also described as law of purity of gametes.

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 91 Question Id : 630680231759 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct with respect to determination of pollination in plants?

I. If the plants set seeds in isolation, then plant is said to be cross-pollinated.

II. If the plant set seeds when the flowers or inflorescence are covered, then the mode of reproduction is self-pollination.

Options :

1. ✖ Only I

2. ✔ Only II

3. ✖ Both I and II

4. ✖ Neither I nor II

Question Number : 92 Question Id : 630680231760 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding mildews disease in plants?

I. It consists of white, grey, brownish or purplish pathogen growth on the host surface.

II. Downy mildew mostly occurs on the lower surface of leaves.

III. It is a small blister-like elevation of the epidermis.

Options :

1. ✖ Only III

2. ✔ Only I and II

3. ✖ Only II and III

4. ✖ I, II and III

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Question Number : 93 Question Id : 630680231761 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding self-incompatibility in plants?

I. It can occur at any stage between pollination and fertilization.

II. Heteromorphic is one of the types of self-incompatibility.

III. Pollen-stigma interaction is observed in self-incompatibility.

Options :

1. ✖ Only I

2. ✖ Only II and III

3. ✔ I, II and III

4. ✖ Only I and II

Question Number : 94 Question Id : 630680231762 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The plant viruses are classified in five major groups. Match the following groups with their corresponding example.

	Groups		Examples
I	Double stranded RNA (ds RNA) Viruses	1	Caulimovirus
II	Single stranded DNA [ss DNA] Viruses	2	Phytorheovirus
III	Double stranded DNA virus [ds DNA (RT)] Viruses	3	Nanovirus

Options :

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1. ✖ I-1, II-3, III-2

2. ✖ I-2, II-1, III-3

3. ✔ I-2, II-3, III-1

4. ✖ I-3, II-2, III-1

Question Number : 95 Question Id : 630680231763 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

With respect to mechanisms favouring self and cross pollination in plants, which of the following is correctly paired?

I. Herkogamy – Crepes

II. Dichogamy – Marigold

III. Cleistogamy - Lettuce

Options :

1. ✖ Only I

2. ✖ Only II and III

3. ✖ Only II

4. ✔ I, II and III

Question Number : 96 Question Id : 630680231764 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

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Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the given plants in increasing order of the number of chromosomes present in them.

A. Rice
B. Pea
C. Onion
D. Cabbage

Options :

1. ✖ C-D-A-B

2. ✔ B-C-D-A

3. ✖ A-D-C-B

4. ✖ D-A-B-C

Question Number : 97 Question Id : 630680231765 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following events of the nuclear division (karyokinesis) in the correct order.

A. Telophase
B. Anaphase
C. Metaphase
D. Prophase

Options :

1. ✖ C-B-A-D

2. ✖ D-B-A-C

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3. ✖ C-D-A-B

4. ✔ D-C-B-A

Question Number : 98 Question Id : 630680231766 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Who among the following is regarded as the father of plant tissue culture?

Options :

1. ✖ Hanning Wang

2. ✔ Gottlieb Haberlandt

3. ✖ Karl Ereky

4. ✖ William Robbins

Question Number : 99 Question Id : 630680231767 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following health problem is caused by brush weeds in humans?

Options :

1. ✖ Encephalitis

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2. ✖ Hay fever and Asthma

3. ✖ Dermatitis

4. ✔ African sleeping sickness

Question Number : 100 Question Id : 630680231768 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In cryogenic storage technique, seeds are placed in liquid nitrogen at _____.

Options :

1. ✔ -196°C

2. ✖ -184°C

3. ✖ -116°C

4. ✖ -105°C

Question Number : 101 Question Id : 630680231769 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The major monocot weed that occur in mango orchards is _____.

Options :

1. ✔ Cyperus rotundus

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2. ✖ Bidens pilosa

3. ✖ Tridax procumbens

4. ✖ Phyllanthus maderaspatensis

Question Number : 102 Question Id : 630680231770 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Seed quality in India is legally controlled by the Seed Act which was established in _____.

Options :

1. ✖ 1958

2. ✖ 1960

3. ✖ 1964

4. ✔ 1966

Question Number : 103 Question Id : 630680231771 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In gene gun method of gene transfer, the DNA that is to be used to transform the plant tissue is coated with which particle?

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Options :

1. ✖ Zinc particles

2. ✔ Gold particles

3. ✖ Silver particles

4. ✖ Copper particles

Question Number : 104 Question Id : 630680231772 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In halogenation seed treatment method, bleaching powder (Calcium Oxychloride) and arappu (*Albizia amara*) leaf powders are mixed with the $CaCO_3$ in the ratio of _____.

Options :

1. ✖ 5:2:1

2. ✔ 5:4:1

3. ✖ 4:3:2

4. ✖ 3:2:1

Question Number : 105 Question Id : 630680231773 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

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Time : 0

Correct Marks : 2 Wrong Marks : 0

With respect to aquatic weeds, which of the following statements is correct regarding submersed weeds?

I. They have true roots, stem and leaves.

II. *Utricularia stellaris* is one of its examples.

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 106 Question Id : 630680231774 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding the filter sterilization technique?

I. It is often used if a thermolabile substance is needed in the medium.

II. Filter membrane of 0.45 to 0.22 μm is used.

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

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4. ✖ Neither I nor II

Question Number : 107 Question Id : 630680231775 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The use of reporter genes requires a method of gene transfer. An ideal reporter should have which of the following features?

I. Low endogenous background

II. Detection with low sensitivity

III. Assay should be nondestructive

Options :

1. ✖ Only III

2. ✔ Only I and III

3. ✖ Only I and II

4. ✖ I, II and III

Question Number : 108 Question Id : 630680231776 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

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The size of sample for seed testing varies from crop-to-crop. Match the following crops with their respective sample size (g).

	Crop		Sample Size
I	Coriander	1	80
II	Tomato and brinjal hybrids	2	7
III	Onion	3	400

Options :

1. ✔ I-3, II-2, III-1

2. ✖ I-1, II-2, III-3

3. ✖ I-2, II-3, III-1

4. ✖ I-2, II-1, III-3

Question Number : 109 Question Id : 630680231777 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following pairs of types of weed and their example is correct?

I. Dry land weeds – *Tribulus terrestris*
II. Garden land weeds – *Digera arvensis*
III. Wetland weeds – *Eclipta alba*

Options :

1. ✖ Only II

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2. ✖ Only I and III

3. ✔ I, II and III

4. ✖ Only I and II

Question Number : 110 Question Id : 630680231778 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following crops with respect to their reduction in yield due to weeds (%).
(decreasing order)
A. Wheat
B. Onion
C. Sugarcane
D. Gram

Options :

1. ✖ C-B-D-A

2. ✔ B-C-A-D

3. ✖ A-D-B-C

4. ✖ C-A-D-B

Question Number : 111 Question Id : 630680231779 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

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Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following events of a seed's germination in the activation stage in the correct order.

A. Cell elongation

B. Synthesis and activation of enzymes

C. Water absorption

Options :

1. ✖ B-A-C

2. ✖ A-C-B

3. ✔ C-B-A

4. ✖ C-A-B

Question Number : 112 Question Id : 630680231780 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

When reducing sugars are heated with phenylhydrazine at pH 4.7 a yellow precipitate is obtained. The precipitated compound is called as _____.

Options :

1. ✖ hydrazone

2. ✖ prozone

3. ✔ osazone

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4. ✖ calzone

Question Number : 113 Question Id : 630680231781 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In which of the following tests an indicator dye is used to test the viability of a seed?

Options :

1. ✔ Tetrazolium test

2. ✖ Excised Embryo test

3. ✖ X-ray test

4. ✖ Germination test

Question Number : 114 Question Id : 630680231782 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In certain plants, seeds have dormancy due to hard seed coats and dormant embryos. This is called as _____.

Options :

1. ✖ internal dormancy

2. ✖ epicotyl dormancy

3. ✔ double dormancy

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4. ✖ secondary dormancy

Question Number : 115 Question Id : 630680231783 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is NOT one of the primary nutrients required by the plants?

Options :

1. ✖ Potassium

2. ✖ Nitrogen

3. ✖ Carbon

4. ✔ Sulphur

Question Number : 116 Question Id : 630680231784 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The gibberellins are named based on GA_n in order of discovery. The first gibberellic acid to be structurally characterized is _____.

Options :

1. ✖ GA_2

2. ✔ GA_3

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3. ✖ GA_4

4. ✖ GA_5

Question Number : 117 Question Id : 630680231785 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The leaves of oat type of stomata are referred as _____.

Options :

1. ✖ hypostomatic type

2. ✖ epistomatic type

3. ✔ isostomatic type

4. ✖ astomatic type

Question Number : 118 Question Id : 630680231786 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which among the following is the indicator crop of molybdenum deficiency?

Options :

1. ✖ Banana

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2. ✔ Cauliflower

3. ✖ Sunflower

4. ✖ Cotton

Question Number : 119 Question Id : 630680231787 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding chemical properties of protein?

I. Addition of concentrated nitric acid to protein produces yellow colour on heating.

II. A compound, which is having more than one peptide bond when treated with Biuret reagent, produces a violet colour.

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 120 Question Id : 630680231788 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

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Which of the following statements is correct regarding photosynthetic pigments in plants?

I. Chlorophylls and carotenoids are insoluble in water.

II. Phycobilins are insoluble in water.

III. Carotenoids include carotenes and xanthophylls.

Options :

1. ✔ Only I and III

2. ✖ Only II

3. ✖ Only I and II

4. ✖ I, II and III

Question Number : 121 Question Id : 630680231789 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is correct regarding Silvi-Pastoral system in agroforestry?

I. It is the production of woody plants combined with pasture.

II. It is needed in dry areas.

III. Protein bank is one of the categories of silvicultural system.

Options :

1. ✖ Only II

2. ✖ Only I and III

3. ✖ Only II and III

4.

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✔ I, II and III

Question Number : 122 Question Id : 630680231790 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following minor fatty acids with their carbon skeletons.

	Minor fatty acids		**Carbon skeletons**
I	Butyric	1	10:0
II	Caprylic	2	4:0
III	Caproic	3	6:0
IV	Capric	4	8:0

Options :

1. ✖ I-2, II-1, III-3, IV-4

2. ✖ I-1, II-4, III-3, IV-2

3. ✖ I-4, II-3, III-2, IV-1

4. ✔ I-2, II-4, III-3, IV-1

Question Number : 123 Question Id : 630680231791 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

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Which of the following pairs of protein amino acid types and examples is correct?

I. Non-polar aliphatic R group - Glutamine
II. Polar uncharged R group - Valine
III. Non-polar aromatic R group - Tryptophan

Options :

1. ✔ Only III

2. ✖ Only I and II

3. ✖ Only II and III

4. ✖ I, II and III

Question Number : 124 Question Id : 630680231792 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following in increasing order in terms of the longevity of fruit seeds and choose the correct option.

A. Mandarin
B. Lemon
C. Avocado
D. Litchi

Options :

1. ✖ B-C-A-D

2. ✔ D-B-C-A

3. ✖ C-A-D-B

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4. ✖ D-A-C-B

Question Number : 125 Question Id : 630680231793 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

With respect to the complete hydrolytic decomposition of the natural protein molecule into amino acids, arrange the following stages in the correct order.

A. Metaprotein

B. Proteoses

C. Peptones

D. Peptides

Options :

1. ✖ B-C-D-A

2. ✖ B-D-A-C

3. ✔ A-B-C-D

4. ✖ A-C-B-D

Question Number : 126 Question Id : 630680231794 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Based on size, the watersheds are divided into three classes, what is the size of large watersheds?

Options :

1. ✖ $< 250\ km^2$

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2. ✖ between 500 km^2 to 750 km^2

3. ✖ between 250 km^2 to 500 km^2

4. ✔ > 2500 km^2

Question Number : 127 Question Id : 630680231795 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Basin slope (S) is one of the physical characteristics of watershed. How basin slope is defined?

(h = fall in meters and L = horizontal distance (length) over which the fall occurs)

Options :

1. ✔ h/L

2. ✖ $h \times L$

3. ✖ $h + L$

4. ✖ $L - h$

Question Number : 128 Question Id : 630680231796 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

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When chain surveying is recommended?

I. A very large area is to be surveyed.

II. The ground surface is more or less level.

III. The formation of well-conditioned triangles is easy.

Options :

1. ✔ Only II and III

2. ✖ I, II and III

3. ✖ Only III

4. ✖ Only I

Question Number : 129 Question Id : 630680231797 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The line joining the apex point of a triangle to some fixed point on its base is known as _____.

Options :

1. ✖ tie line

2. ✖ base line

3. ✔ check line

4. ✖ offset line

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Question Number : 130 Question Id : 630680231798 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following parts of 'Dumpy level' a levelling equipment, from left to right.

P. Eye piece

Q. Focusing knob

R. Ray shade

Options :

1. ✔ P, Q, R

2. ✖ R, P, Q

3. ✖ Q, P, R

4. ✖ Q, R, P

Question Number : 131 Question Id : 630680231799 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following operations are involved in plane table surveying?

I. Centering the plane table

II. Leveling the plane table

III. Orientation of plane table

Options :

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1. ✖ Only II and III

2. ✔ I, II and III

3. ✖ Only I and II

4. ✖ Only III

Question Number : 132 Question Id : 630680231800 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is an open-source GIS package?

Options :

1. ✖ ArcGIS

2. ✖ AutoCAD

3. ✖ Cadcorp

4. ✔ GRASS

Question Number : 133 Question Id : 630680231801 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

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Which of the following statement is correct regarding Thermal Infrared Remote Sensing?

I. In this remote sensing, the land surface radiate heat due to interaction of earth surface with solar radiation.

II. This remote sensing is used to observe the high temperature areas such as volcanic activities and forest fires.

Options :

1. ✖ Only I

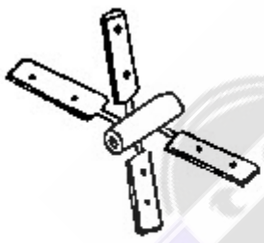
2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 134 Question Id : 630680231802 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0



The image given above represents which type of threshing cylinder?

Options :

1. ✖ Loop type

2. ✖ Rasp bar type

3. ✔ Hammer mill type

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4. ✖ Angle bar type

Question Number : 135 Question Id : 630680231803 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which chapter of the Environment (Protection) Act, 1986 talks about the prevention, control and abatement of environmental pollution?

Options :

1. ✖ Chapter I

2. ✖ Chapter IV

3. ✔ Chapter III

4. ✖ Chapter II

Question Number : 136 Question Id : 630680231804 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Arrange the following sections of the Environment (Protection) Act, 1986 from first to last.

P. Appointment of officers and their powers and functions

Q. Rules to regulate environmental pollution

R. Environmental laboratories

Options :

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1. ✔ P, Q, R

2. ✖ Q, P, R

3. ✖ Q, R, P

4. ✖ R, P, Q

Question Number : 137 Question Id : 630680231805 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In the context of the Environment (Protection) Act, 1986, which pair of 'Section – What this section talks about' is correct?

I. Section 10 – Powers of entry and inspection

II. Section 12 – Environmental laboratories

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 138 Question Id : 630680231806 Option Shuffling : Yes Is Question

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Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Match the following.

	Types of Pollution		**Classification of Pollution**
I	Water pollution	1	Based on environment
II	Agricultural pollution	2	Based on sources of pollutants
III	Heavy metal pollution	3	Based on nature of pollutants

Options :

1. ✖ I-1, II-3, III-2

2. ✖ I-2, II-3, III-1

3. ✔ I-1, II-2, III-3

4. ✖ I-3, II-2, III-1

Question Number : 139 Question Id : 630680231807 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which type of water erosion occurs when surface water moves into and through dispersive subsoils?

Options :

1. ✔ Tunnel erosion

2. ✖ Splash erosion

3. ✖ Sheet erosion

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4. ✖ Stream bank erosion

Question Number : 140 Question Id : 630680231808 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The pH value of soil samples are given below.

Soil Sample	S1	S2	S3	S4	S5
pH value	6.2	6.6	5.4	6.8	5.8

What is the mean of pH values of soil?

Options :

1. ✖ 7.26

2. ✖ 5.58

3. ✖ 6.44

4. ✔ 6.16

Question Number : 141 Question Id : 630680231809 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The marks of few students in a class test are 25, 30, 32, 36, 33, 30, 28, 29, 35, 37.

What is the median of above marks?

Options :

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1. ✖ 29

2. ✖ 33

3. ✖ 30

4. ✔ 31

Question Number : 142 Question Id : 630680231810 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following is correct regarding merits of arithmetic mean?

I. It is affected very much by extreme values.

II. It cannot be calculated for open-end classes.

Options :

1. ✖ Only I

2. ✖ Only II

3. ✖ Both I and II

4. ✔ Neither I nor II

Question Number : 143 Question Id : 630680231811 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

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Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the mean deviation about the median of the following data?

25, 30, 32, 46, 40, 35, 37

Options :

1. ✖ 6.23

2. ✔ 5.14

3. ✖ 4.57

4. ✖ 7.29

Question Number : 144 Question Id : 630680231812 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

What is the mean deviation about the mean for the following data?

27, 35, 42, 44, 76, 55, 63, 52

Options :

1. ✖ 25.25

2. ✖ 15.50

3. ✖ 17.25

4. ✔ 12.25

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Question Number : 145 Question Id : 630680231813 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

In MS-Word, which of the following is the short-cut to paste the selected text?

Options :

1. ✖ Ctrl + C

2. ✖ Ctrl + X

3. ✖ Ctrl + P

4. ✔ Ctrl + V

Question Number : 146 Question Id : 630680231814 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

_____ allows the reader to click on text and go to another website.

Options :

1. ✖ Superscript

2. ✔ Hyperlink

3. ✖ Watermark

4. ✖ Spreadsheet

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Question Number : 147 Question Id : 630680231815 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

The first version of Microsoft Windows (Microsoft Windows 1.0) came out in _____.

Options :

1. ✖ 1983

2. ✔ 1985

3. ✖ 1987

4. ✖ 1989

Question Number : 148 Question Id : 630680231816 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is/are correct regarding types of printers?

I. Dot matrix is an example of an impact printer.

II. Inkjet is an example of non-impact printers.

Options :

1. ✖ Only I

2. ✖ Only II

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3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 149 Question Id : 630680231817 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

A/an _____ allows the user to enter the program and data and send it to the processing unit.

Options :

1. ✔ input device

2. ✖ output device

3. ✖ RAM

4. ✖ ROM

Question Number : 150 Question Id : 630680231818 Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0

_____ allows us to display only data that meets certain criteria.

Options :

1. ✖ Formatting

2. ✖ Sorting

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3. ✔ Filtering

4. ✖ Inserting

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