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By Adda247


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<p>for</p> <p>Recommended Dietary Allowances</p> <p>Recommended Daily Allowances</p> <p>Estimated Dietary Allowances</p> <p>Estimated Daily Allowance</p>	4.0	1.00
<p>ISI 1718 is a new version of</p> <p>ISIRI 1121</p> <p>ISIRI 1509</p> <p>ISIRI 1637</p>	4.0	1.00
<p>are two statements:</p> <p>(I): In sugarcane skip furrow irrigation is preferred</p> <p>(II): Because it saves water upto 36 % and increase water use efficiency by 64%</p> <p>Choose the most appropriate answer from the options given below.</p> <p>Statement (I) and Statement (II) are true.</p> <p>Statement (I) and Statement (II) are false.</p>	4.0	1.00



<p> esis is sugars from energy n most cells only in cells with chloroplasts is released correct answer from the options given below:) and (D) only. d (C) only.), (C) and (D).) and (D) only. </p>	4.0	1.00
<p> uction, energy storage, building macromolecules and assisting in lipid metabolism are the functions of ns hydrates ies i acids </p>	4.0	1.00

Card Scheme was launched by the GOI during the year?

--	--

is a hybrid variety of

- pea

4.0	1.00
-----	------

is known as King of Millets ?

- millet
- il millet
- nillet
- um

4.0	1.00
-----	------

At what rate of photosynthesis is maximum ?

--	--

Recommended moisture level for storage of wheat is

4.0	1.00
-----	------

Crops grown per year on a given area of land $\times 100$ is known as

- _____ing effect
- _____ing index
- _____ing intensity
- _____ing pattern

4.0	1.00
-----	------

Plants together of different height at the same time is known as

- (A) Mixed cropping
- (B) Multiple cropping
- (C) Intercropping
- (D) Storeyed cropping

--	--

Consider the following two statements:

- (I): Guava variety Sweta is selection from half sibs population of Apple Colour
- (II): This is prolific bearer and pink pulp variety

Based on the above statements, choose the *most appropriate* answer from the options given below.

- (A) Both Statement (I) and Statement (II) are true.
- (B) Both Statement (I) and Statement (II) are false.
- (C) Statement (I) is true but Statement (II) is false.
- (D) Statement (I) is false but Statement (II) is true.

4.0	1.00
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Which of the following is not true about Punjab Sweet?

- (A) It is a variety of papaya
- (B) It was developed from sibmating the lines from Kenya
- (C) It is succulent
- (D) Its fruit weight is around 400 gram

4.0	1.00
-----	------



<p>Which of the following is not true for Tamar?</p> <p>chilling apple cultivar originated from South Africa Flavoured ripens in July</p>	4.0	1.00												
<p>Match List-I with List-II</p> <table border="1" data-bbox="328 1105 695 1431"> <thead> <tr> <th></th> <th>List-II</th> </tr> <tr> <th></th> <th>Characteristics</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>(I). Vigorous</td> </tr> <tr> <td>B</td> <td>(II). Semi vigorous</td> </tr> <tr> <td>C</td> <td>(III). Dwarfing</td> </tr> <tr> <td>ashia</td> <td>(IV). Suitable for hilly regions</td> </tr> </tbody> </table> <p>correct answer from the options given below:</p> <p>), (B) - (II), (C) - (III), (D) - (IV) II), (B) - (II), (C) - (I), (D) - (IV)), (B) - (II), (C) - (IV), (D) - (III) II), (B) - (IV), (C) - (I), (D) - (II)</p>		List-II		Characteristics	A	(I). Vigorous	B	(II). Semi vigorous	C	(III). Dwarfing	ashia	(IV). Suitable for hilly regions	4.0	1.00
	List-II													
	Characteristics													
A	(I). Vigorous													
B	(II). Semi vigorous													
C	(III). Dwarfing													
ashia	(IV). Suitable for hilly regions													
	4.0	1.00												

are two statements:

I): The head system of training in case of grapes is suitable for less vigorous cultivars

II): The telephone system of training in case of grapes is suitable for moderately vigorous cultivars having more canopy

From the above statements, choose the most appropriate answer from the options given below.

Both Statement (I) and Statement (II) are true.

Both Statement (I) and Statement (II) are false.

Statement (I) is true but Statement (II) is false.

Statement (I) is false but Statement (II) is true.

4.0 1.00

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

A): ABA level is more when plant is under water stress

R): This is because when the plant is water stressed, the permeability of the chloroplast membranes to ABA increases and the movement of the hormones to the epidermal cells including the guard cell

From the above statements, choose the correct answer from the options given below.

Both A) and R) are true and R) is the correct explanation of A).

A) and R) are true but R) is NOT the correct explanation of A).

A) is true but R) is false.

A) is false but R) is true.

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According to the classification of irrigation water based on EC, the quality of irrigation water having EC between 5-10 ds/m is

Saline water

<p>cashew apple is 8-10 times of raw cashew nut</p> <p>apple is very rich in ascorbic acid (240mg/100 of edible portion)</p> <p>the only commercial product from it</p> <p>the crop of cashew apple from a tree should be harvested in a single day for processing</p> <p>correct answer from the options given below:</p> <p>(A) and (D) only.</p> <p>(B) and (C) only.</p> <p>(C) and (D).</p> <p>(A) and (D) only.</p>	4.0	1.00
<p>Adhi is</p> <p>purpose hybrid of coconut</p> <p>: tolerant</p> <p>high nutrient use efficiency</p> <p>between CGD and WCT</p> <p>correct answer from the options given below:</p> <p>(A) and (D) only.</p> <p>(B) and (C) only.</p> <p>(C) and (D) only.</p> <p>(A) and (D) only.</p>	4.0	1.00

<p>filtration refers to</p> <p>ion of soils from liquids</p> <p>stor is used which could be porous medium or membrane</p> <p>clarification of juices and separation of microbes</p> <p>monly used in fruit juices, wine and beer</p> <p>correct answer from the options given below:</p> <p>) and (C) only.</p> <p>) and (D) only.</p> <p>), (C) and (D).</p> <p>) and (D) only.</p>	4.0	1.00
<p>tion is</p> <p>vation by fermentation</p> <p>vation by freezing</p> <p>vation by chemicals</p> <p>vation by heat</p>	4.0	1.00
	4.0	1.00

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

(A) : Apple requires minimum 33% plants of pollinizers variety(ies)

(R) : To achieve optimum fruit set in fruit crops there is an absolute need to have suitable pollinizers in cross pollinated

From the above statements, choose the correct answer from the options given below.

- (A) A) and (R) are true and (R) is the correct explanation of (A).
- (B) A) and (R) are true but (R) is NOT the correct explanation of (A).
- (C) (A) is true but (R) is false.
- (D) (R) is true but (A) is false.

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banana

largest producer and consumer of banana

cultivated in more than 120 country across the world

more than 100 cultivars are grown in India

India is the largest producer of tissue cultured plants of banana

Choose the correct answer from the options given below:

- (A) (A) and (D) only.
- (B) (A) and (C) only.
- (C) (A), (C) and (D).
- (D) (A) and (D) only.

4.0 1.00

Match List-I with List-II

	List-II
Physiological disorder	Control measures
Wilt	(I). Keeping of bee hives in orchard
Yellowing of tissue	(II). Bagging of fruits one month prior to harvest
Leaf necrosis	(III). Foliar spray of borax(1%)
Prevention	(IV). Planting of mango orchard 3 km away from the brick kilns

Choose the correct answer from the options given below:

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

4.0 1.00

Match the following: Hisra Safeda is cross between

- (A) Hisra X Allahaba Safeda
- (B) Hisra X Allahabad Safeda
- (C) Allahabad Safeda X Seedless
- (D) Allahabad Safeda X Banarsi Surkha

4.0 1.00

<p>Which of the following is true about pruning of Anabae -e- Shahi grape?</p> <p> (a) Summer pruning during April with 1-2 bud/ cane, where as winter pruning during October with 6-7 buds/ cane (b) Summer pruning during June - July with 1-2 bud/ cane, where as winter pruning during Dec.- Jan. with 6-7 buds/ cane (c) Summer pruning during April with 3-4 bud/ cane, where as winter pruning during October with 8-10 buds/ cane (d) Summer pruning is not applicable, where as winter pruning during October with 6-7 buds/ cane </p>	<p>4.0</p>	<p>1.00</p>
<p>Number of banana per hectare when planted as 3 suckers/hill at a spacing of 1.8 X 3.6 m</p>	<p>4.0</p>	<p>1.00</p>
<p>Which of the following is suitable for fresh consumption/ market can be stored at</p> <p> (a) 1°C to - 1.1°C at 90-95 % RH for 6 months (b) 1°C at 75 % RH for 6 months (c) 1°C and 90-95 % RH for 6 months (d) 1°C and 65 % RH for 6 months </p>	<p>4.0</p>	<p>1.00</p>

Match List-I with List-II

	List - II
symptoms	Nutrient
Yellowish-green leaves with yellow veins	(I). Ca
Dark green to pale yellow to white leaves with green veins	(II). Cu
Young leaf with white, withered and twisted tip, die back	(III). Fe
Dark green leaves with brownish spot	(IV). S

Choose the correct answer from the options given below:

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

4.0 1.00

Match List-I with List-II

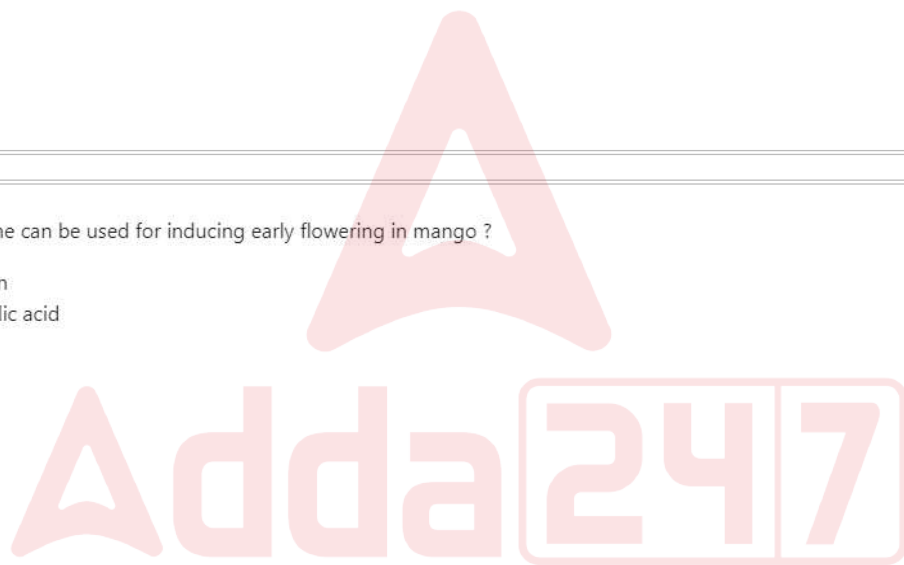
	List-II
Character	Cultivar
High acid content with low acidity	(I). Rasraj
High yielding	(II). Sahrabati
High resistant	(III). Vikram
Best for high density plantation	(IV). Elaich Nimboo

Choose the correct answer from the options given below:

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

<p>n deals with</p> <p>tion of vigour</p> <p>ment in yield and quality</p> <p>ibility and economic feasibility</p> <p>roductive and senile trees</p> <p>correct answer from the options given below:</p> <p>) and (D) only.</p> <p>) and (C) only.</p> <p>, (C) and (D).</p> <p>) and (D) only.</p>	4.0	1.00
<p>n apple arise from product known as</p> <p>rogen</p> <p>en</p> <p>noids</p> <p>oids</p>	4.0	1.00
<p>cultivar is resistant to fire blight?</p> <p>quest</p>	4.0	1.00

<p>Which variety of papaya Coorg Honeydew was selected from ?</p> <p> <input type="radio"/> Dew <input type="radio"/> De solo <input type="radio"/> Dattore 3 <input type="radio"/> Deesh sweet </p>	4.0	1.00
<p>Which hormone can be used for inducing early flowering in mango ?</p> <p> <input type="radio"/> Gibberellin <input type="radio"/> Auxin <input type="radio"/> Ethylene <input type="radio"/> Indole acetic acid </p>	4.0	1.00
<p>Which type of chimera occurs in one layer and along the side of the apex is known as</p> <p> <input type="radio"/> Apical Chimera <input type="radio"/> Lateral chimera <input type="radio"/> Basal chimera <input type="radio"/> Marginal chimera </p>	4.0	1.00



<p>chnique for selecting elite inbred lines from mixed population is</p> <p>nd discriminant analysis analysis ability analysis ty analysis</p>	4.0	1.00
<p>hayam" in banana is a clonal selection of ?</p> <p>by green onthan ravalli gate</p>	4.0	1.00
<p>e nodes just above the inflorescence usually develop</p> <p>ra</p> <p>ed stamens ls</p>	4.0	1.00



<p>apple cultivar is used for silky "pina"</p> <p>l ne tius anish</p>	4.0	1.00
<p>plant is</p> <p>ecious ous monoecious dioecious</p>	4.0	1.00
<p>nt of "seed garden" to produce superior hybrids and cultivars is done in</p> <p>apple wnut ut in</p>	4.0	1.00

tryptophan is used as a precursor for the synthesis of

ne
nin

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are two statements:

I): Zn deficiency of apple is commonly called "Rosette"

II): Rosette usually first appears on the summer growth

ie above statements,choose the *most appropriate* answer from the options given below.

Statement (I) and Statement (II) are true.

Statement (I) and Statement (II) are false.

Statement (I) is true but Statement (II) is false.

Statement (I) is false but Statement (II) is true.

4.0 1.00



Match List-I with List-II cultivar of fruit crops and the country from where they have been introduced

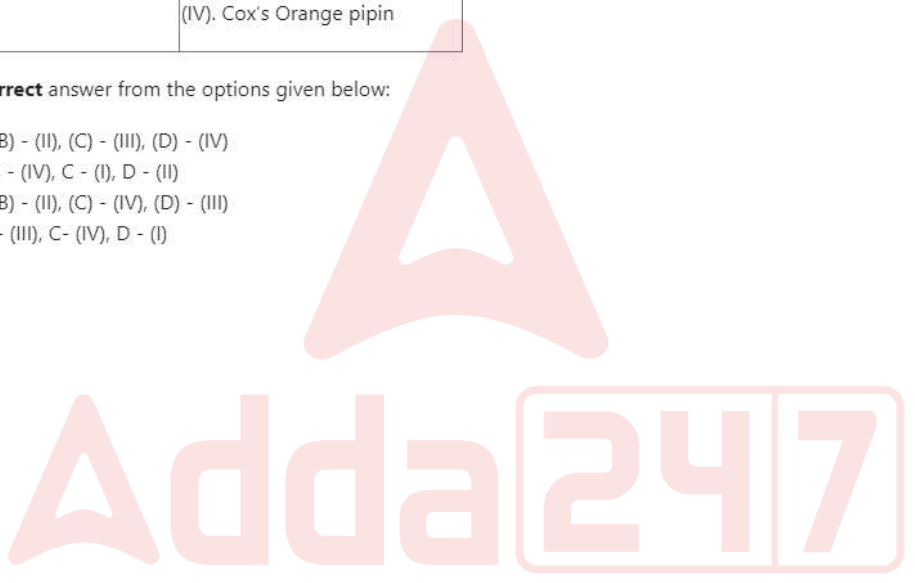
List-I	List-II
Grand Naine	(I). Australia
Golden Delicious	(II). France
Beaumont G-35	(III). USA
Carabao	(IV). Philippines

4.0 1.00

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	4.0	1.00										
<p>Match List-I with List-II with suitable polliniser for apple varieties</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">List-I</th> <th style="width: 50%;">List-II</th> </tr> </thead> <tbody> <tr> <td></td> <td>(I). Stark Summer</td> </tr> <tr> <td>bees</td> <td>(II). Kent</td> </tr> <tr> <td>honey</td> <td>(III). Red Delicious</td> </tr> <tr> <td>bumblebees</td> <td>(IV). Cox's Orange pipin</td> </tr> </tbody> </table> <p>correct answer from the options given below:</p> <p>(A) (B) - (II), (C) - (III), (D) - (IV) (B) (B) - (IV), C - (I), D - (II) (C) (B) - (II), (C) - (IV), (D) - (III) (D) B - (III), C - (IV), D - (I)</p>	List-I	List-II		(I). Stark Summer	bees	(II). Kent	honey	(III). Red Delicious	bumblebees	(IV). Cox's Orange pipin		
List-I	List-II											
	(I). Stark Summer											
bees	(II). Kent											
honey	(III). Red Delicious											
bumblebees	(IV). Cox's Orange pipin											

	4.0	1.00
<p>Statement (A) and (R) are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Statement (A) : Pear cultivars when grafted on <i>Pyrus serotina</i> or <i>P. ussuriensis</i> shows quick decline Statement (R) : Mycoplasma damages the xylem tissue at graft union depriving the roots of food material From the above statements, choose the <i>most appropriate</i> answer from the options given below .</p> <p>(A) (A) and (R) are correct and (R) is the correct explanation of (A). (B) (A) and (R) are correct but (R) is NOT the correct explanation of (A). (C) (A) is correct but (R) is not correct. (D) (A) is not correct but (R) is correct.</p>		



<p>are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).) : Scarification is the process of altering seed covering either physically or chemically</p> <p>The main aim is to delay germination in non dormant seeds</p> <p>ie above statements, choose the <i>most appropriate</i> answer from the options given below .</p> <p>A) and (R) are correct and (R) is the correct explanation of (A). A) and (R) are correct but (R) is NOT the correct explanation of (A). orrect but (R) is not correct. ot correct but (R) is correct.</p>	4.0	1.00
<p>are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).) : Grafting is the union of a root system with a shoot system</p> <p>It combines different cultivars into a composite plant having special characteristic.</p> <p>he above statements, choose the <i>correct</i> answer from the options given below.</p> <p>A) and (R) are true and (R) is the correct explanation of (A). A) and (R) are true but (R) is NOT the correct explanation of (A). rue but (R) is false. alse but (R) is true.</p>	4.0	1.00
	4.0	1.00

are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).
 Assertion (A) : Brown core of apple develops in the fruit at the time of fruit set.

Reason (R) : Brown core is a low storage problem developing in fruits at -1°C to 2°C

From the above statements, choose the *most appropriate* answer from the options given below .

- (a) A and (R) are correct and (R) is the correct explanation of (A).
- (b) A and (R) are correct but (R) is NOT the correct explanation of (A).
- (c) (A) is correct but (R) is not correct.
- (d) (A) is not correct but (R) is correct.

4.0 1.00

Which mango species suited for improvement traits
 suitable for water logged condition

Yield per acre per year

Parent for breeding free stone mangoes

Can be peeled like banana

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

- (a) *M. indica* var. *Mekongensis* - *M. decandra* - *M. similis* - *M. indica* var. *Mekongensis* - *M. decandra* - *M. pajang*
- (b) *M. indica* var. *Mekongensis* - *M. decandra* - *M. pajang* - *M. similis* - *M. indica* var. *Mekongensis* - *M. decandra* - *M. pajang* - *M. similis*
- (c) *M. decandra* - *M. similis* - *M. indica* var. *Mekongensis* - *M. decandra* - *M. similis* - *M. pajang*
- (d) *M. decandra* - *M. similis* - *M. indica* var. *Mekongensis* - *M. decandra* - *M. similis* - *M. pajang*

4.0 1.00

the ploidy number according to the fruit crops

correct answer from the options given below:

- Guava - Pineapple - Grape
- Guava - Citrus - Pineapple
- Apple - Citrus - Guava - Grape
- Citrus - Grape - Pineapple

the Common name of the apple according to their species

- Crab
- Rib
- Pin Crab
- King Crab

correct answer from the options given below:

- *M. sylvestr* - *M. bacata* - *M. floribunda* - *M. coronaria*
- *M. bacata* - *M. sylvestr* - *M. coronaria* - *M. floribunda*
- *M. coronaria* - *M. floribunda* - *M. bacata* - *M. sylvestr*
- *M. bacata* - *M. coronaria* - *M. sylvestr* - *M. floribunda*

4.0 1.00

ie cashew varieties according to their parentage

× Vetore 56

ore red × Vetore 56

i6 × Ansur 1

a 3 × M 10/4

correct answer from the options given below:

ula 6 - Vengrula 7- Vengrula 4 - Vengrula 3

ula 3 - Vengrula 4 - Vengrula 6 - Vengrula 7

ula 7- Vengrula 4 - Vengrula 3 - Vengrula 6

ula 4 - Vengrula 3 - Vengrula 6 - Vengrula 7

--	--

he following is desirable characteristics for white pepper production ?

ericaip/seed ratio

ericaip/seed ratio

im pericaip/seed ratio

igh pericaip/seed ratio

4.0 1.00



al is the variety of

Bean

melon

ea

1ber

4.0 1.00

<p>are two statements:</p> <p>I): Kashi Saumya is a attractive dark green medium fruits OP variety of Ridge gourd.</p> <p>II): Kashi Saumya is suitable for river bed cultivation.</p> <p>ie above statements,choose the <i>most appropriate</i> answer from the options given below.</p> <p>Statement (I) and Statement (II) are true.</p> <p>Statement (I) and Statement (II) are false.</p> <p>Statement (I) is true but Statement (II) is false.</p> <p>Statement (I) is false but Statement (II) is true.</p>	4.0	1.00
<p>for</p> <p>Identification of Gene Section</p> <p>Identification of Germplasm Strategy</p> <p>Identification of Green Sector</p> <p>Phylogenetic Identification of Gus Sediments</p>	4.0	1.00
	4.0	1.00

Match List-I with List-II

	List-II
Geographical Indication (GI) tags registered for the state/location	
(I). Sikkim	
(II). Karnataka	
(III). Goa	
(IV). Nagpur, Maharashtra	

Choose the correct answer from the options given below:

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

The colour of carrot is conditioned by

- (A) duplicate nuclear genes
- (B) recessive gene
- (C) dominant gene
- (D) complementary recessive gene

Which family of Tapioca ?

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4.0 1.00

4.0 1.00

<p>Which of the following can be easily fixable in which of the following?</p> <p> <input type="checkbox"/> self-pollinated crops <input type="checkbox"/> vegetatively propagated crops <input type="checkbox"/> cross-pollinated crops <input type="checkbox"/> cross-pollinated crops </p>	4.0	1.00
<p>Which of the following term is used for removal of off-types from a seed production plot?</p> <p> <input type="checkbox"/> Thinning <input type="checkbox"/> Weeding <input type="checkbox"/> Pruning <input type="checkbox"/> Trimming </p>	4.0	1.00
<p>Statement (A) and (R) are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). (A) :Continuous inbreeding may lead to complete loss of the inbred lines (R) :It is desirable to propagate the parental inbred lines by tissue culture techniques.</p> <p>Choose the correct answer from the options given below.</p>	4.0	1.00

Centre for Organic and Natural Farming is situated at	4.0	1.00
<p>Prayagraj (U.P.)</p> <p>Mumbai (Maharashtra)</p> <p>Dehradun (Uttarakhand)</p> <p>Bhopal (M.P.)</p>		
Known about the contagious nature of plant diseases on vegetable crops ?	4.0	1.00
<p>Charadriya Samgraha by Shri Chakrapani Mishra (C. 1577 AD)</p> <p>Arthashastra by Kautilya (C. 300-350 BC)</p> <p>Kitab al-Filaha (the art of agriculture) the text by Mughal prince Dara Shikoh (1650 AD)</p> <p>Arthashastra (C. 300-500 AD) Sanskrit text by Amarsinha</p> <p>Parashara Samgraha by Parashara (C. 400 BC)</p>		
_____ is a powdery mildew resistant variety of	4.0	1.00
<p>Arundhati</p> <p>Arundhati</p> <p>Arundhati</p> <p>Arundhati</p>		

<p>recommended seed rate for <i>kasuri</i> type fenugreek ?</p> <p>kg/ha kg/ha kg/ha /ha</p>	4.0	1.00
<p>with List-II</p>	4.0	1.00
	<p>List-II</p>	
	<p>Author</p>	
<p>eeding: Principles and methods, Kalyani Publishers</p>	<p>(I). Singh, Ram J. 2007.</p>	
<p>Resources, Chromosome Engineering, and Crop Improvement-rops (Vol. 3), CRC Press, Fl, USA.</p>	<p>(II). Peter, K. V. and Pradeep Kumar, T. 1998.</p>	
<p>ok of Plant Breeding- Vegetables (Vol I & II), Springer, USA.</p>	<p>(III). B.D. Singh</p>	
<p>s and Breeding of Vegetables, ICAR, New Delhi.</p>	<p>(IV). Prohens J. and Nuez F. 2007.</p>	
<p>correct answer from the options given below:</p>		
<p>II), (B) - (I), (C) - (II), (D) - (IV)</p>		
<p>V), (B) - (II), (C) - (III), (D) - (I)</p>		
<p>), (B) - (II), (C) - (IV), (D) - (III)</p>		
<p>II), (B) - (I), (C) - (IV), (D) - (II)</p>		

Concept for flower bud initiation was suggested by Kraus and Kraybill (1918) in which of the following crop ?

- I
- CO
- o

--	--

Which of the following species was used for CMS transfer into cauliflower by backcross breeding?

- Brassica hirta*
- Brassica cretica*
- Brassica carinata*
- Brassica tournefortii*

4.0	1.00
-----	------

There are two statements:

- I): In spinach, crisp, succulent and savoy leaves are preferred for fresh market.
- II): In spinach, flat and smooth leaves are preferred for processing market.

From the above statements, choose the most appropriate answer from the options given below.

- Statement (I) and Statement (II) are correct.
- Statement (I) and Statement (II) are incorrect.
- Statement (I) is correct but Statement (II) is incorrect.
- Statement (I) is incorrect but Statement (II) is correct.

4.0	1.00
-----	------

<p>Which of the following is NOT correct about sporophytic system of self-incompatibility of cabbage?</p> <p>1. Zygotes for S allele are a normal part of the system</p> <p>2. There are frequent reciprocal differences</p> <p>3. The surface is plumose</p> <p>4. Incompatibility groups may contain two genotypes</p>	4.0	1.00
<p>1 and 2 are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A): Sweet potato plants will not flower when the light period exceeds the critical photoperiod.</p> <p>Reason (R): Sweet potato is propagated using vine cuttings.</p> <p>From the above statements, choose the most appropriate answer from the options given below.</p> <p>1. Both A and R are correct and R is the correct explanation of A.</p> <p>2. Both A and R are correct but R is NOT the correct explanation of A.</p> <p>3. A is correct but R is not correct.</p> <p>4. A is not correct but R is correct.</p>	4.0	1.00
	4.0	1.00



Match List-I with List-II

	List-II
Priming	(Methodology/Application)
Soaking	(I). It can be used against salinity stress
Scarification	(II). Mixing seeds with organic or inorganic carrier and water
Stratification	(III). Exposing seed to beneficial microorganisms
Chilling	(IV). Often used in arid regions to improve seed performance in dry soils

Choose the correct answer from the options given below:

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

Approximate percent area under riverbed cultivation out of total area under cucurbits cultivation ?

4.0 1.00



4.0 1.00

ptions, which of the followings are desirable features?

cy

soluble solids

io of reducing to non reducing sugars

iting

correct answer from the options given below:

) and (D) only.

d (D) only.

) and (D) only

), (C) and (D)

4.0 1.00

e following is the major dry chilli cultivating state in India ?

aka

ya Pradesh

a Pradesh

iana

Adda247

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Match List-I with List-II

	List-II
Crop	Chromosomes number
	(I). $2n = 24$
bean	(II). $2n = 26$
	(III). $2n = 18$
gourd	(IV). $2n = 22$

Choose the correct answer from the options given below:

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

Which of the following is a common method of propagation in turmeric ?

- (A) Cuttings
- (B) Sttings
- (C) Run bits

Sharma and Jones proposed a system of hybrid seed production in sugarbeet by using which of the following?

4.0 1.00

4.0 1.00

<p>Q. According to FAO (2021), India is the largest producer of ?</p> <p>(A) Onion and cauliflower (B) Cabbage and cauliflower (C) Okra and cauliflower (D) Tomato and cauliflower</p>	4.0	1.00
<p>Q. The Indian Society of Vegetable Science (ISVS) was founded on</p> <p>(A) April 1963 (B) April 1993 (C) April 1973 (D) April 1983</p>	4.0	1.00
<p>Q. Consider the following two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>(A) : Self pollination by natural means is frequent in Vanilla (R) : Hand pollination is an important part of vanilla cultivation</p> <p>Choose the most appropriate answer from the options given below.</p>	4.0	1.00

<p>are two statements:</p> <p>I): Pusa Bhindi-5 is the YVMV tolerant variety of okra</p> <p>II): It is a purple color okra variety which is carrying higher amount of anthocyanin</p> <p>From the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <p>Statement (I) and Statement (II) are true.</p> <p>Statement (I) and Statement (II) are false.</p> <p>Statement (I) is true but Statement (II) is false.</p> <p>Statement (I) is false but Statement (II) is true.</p>	4.0	1.00
<p>Newsletter is published by</p> <p>Adda247</p>	4.0	1.00

are two statements:

I): Arka Apeksha is new chilli hybrid developed for dual purpose in India.

II): Arka Apeksha is suitable for capsanthin extraction.

From the above statements, choose the most appropriate answer from the options given below.

A) Statement (I) and Statement (II) are true.

B) Statement (I) and Statement (II) are false.

C) Statement (I) is true but Statement (II) is false.

D) Statement (I) is false but Statement (II) is true.

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is a physiological disorder in peas mostly associated with heat or drought stresses and is characterized by

A) retarded development of ovules in pods

B) absence of ovules in pods

C) presence of nearby ovules leading to seed absence

D) presence of parchment layers in pods

4.0 1.00

Match List-I with List-II

	List-II
Name of cow pea species/wild species	Cultivar -group
Black gram	(I). Unguiculata
Green gram	(II). Biflora
Black chickpea	(III). Sesquipedalis
Black lentil	(IV). Dekindtiana

Choose the correct answer from the options given below:

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

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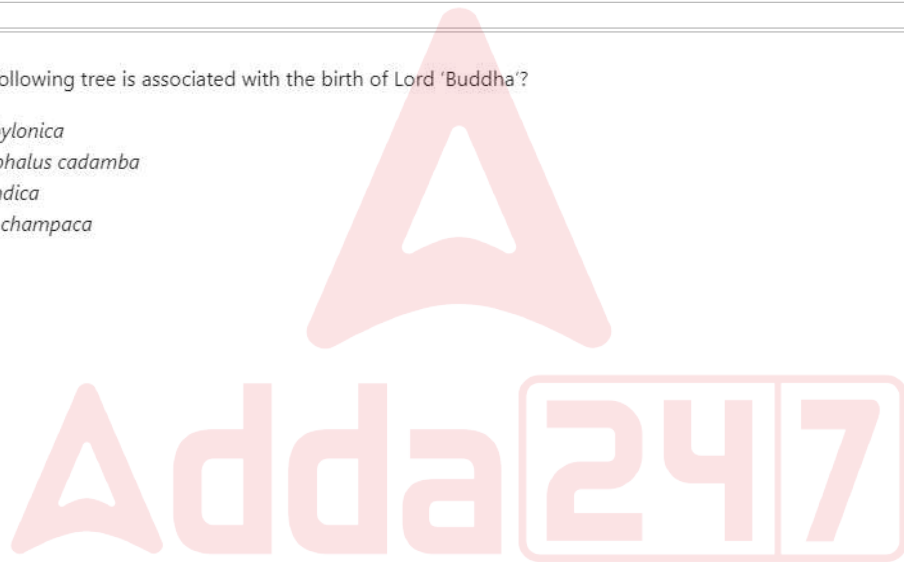
Match List-I with List-II

	List-II
Name	(Location/State)
Charbagh	(I). Gujarat
Shalimar	(II). Jammu & Kashmir
Chand Bagh	(III). Delhi
Chhatrapati Shivaji Maharaj Park	(IV). Karnataka

Choose the correct answer from the options given below:

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

<p>Which of the following colours are accepted as neutral colours in "Colour scheme"?</p> <p>Orange and yellow Black and grey Violet and green White and green</p>	4.0	1.00
<p>Which of the following tree is associated with the birth of Lord 'Buddha'?</p> <p><i>Abutilon</i> <i>Cephalus cadamba</i> <i>Ficus religiosa</i> <i>Albizia champaca</i></p>	4.0	1.00
<p>Which pink coloured variety 'Rose sherbet' belongs to which of the following flower crop?</p> <p>Rose Carnation Carnation</p>	4.0	1.00



<p>Which of the following shrubs are valued for ornamental bracts?</p> <p>(A) <i>Impatiens pulcherrima</i></p> <p>(B) <i>Impatiens spectabilis</i></p> <p>(C) <i>Impatiens horizontalis</i></p> <p>(D) <i>Impatiens frondosa</i></p> <p>Correct answer from the options given below:</p> <p>(A) (A) and (D) only.</p> <p>(B) (B) and (D) only.</p> <p>(C) (C) and (D) only.</p> <p>(D) (C) only.</p>	<p>4.0</p>	<p>1.00</p>
<p>Which of the following are the principles of garden and landscape designs?</p> <p>(A) Unity</p> <p>(B) Balance</p> <p>(C) Proportion</p> <p>(D) Rhythm</p> <p>Correct answer from the options given below:</p> <p>(A) (A) and (C) only.</p> <p>(B) (A) and (D) only.</p> <p>(C) (B) and (D) only.</p> <p>(D) (C) only.</p>	<p>4.0</p>	<p>1.00</p>

are two statements:

I): In Gametophytic incompatibility system, the incompatibility reaction of pollen is determined by its own genotypes and the genotypes of the plant on which it is produced.

II): Gametophytic incompatibility was first reported by Hughes and Babcock in 1950 in *Crepis foetida* and by Gerstel and M. argenteum.

From the above statements, choose the most appropriate answer from the options given below.

- a) Statement (I) and Statement (II) are correct.
- b) Statement (I) and Statement (II) are incorrect.
- c) Statement (I) is correct but Statement (II) is incorrect.
- d) Statement (I) is incorrect but Statement (II) is correct.

4.0 1.00

Plants that complete their life cycle under a given site within one season or a year, are called as

- a) Annuals
- b) Biennials
- c) Perennials
- d) None of these

4.0 1.00

Which of the following are warm season turf grasses?

- a) *Dactyloctenium aegyptium*
- b) *Cynodon dactylon*
- c) *Pennisetum polystachyon*
- d) *Panicum polystachyon*

Which of the following is a striped variety of spray carnation?

- (A) Star
- (B) Star
- (C) Star
- (D) Star

--	--

Which of the following shrubs are grown for their ornamental foliage?

(A) *variegata*

(B) *exotica*

(C) *hispidula*

(D) *aeuigata*

Correct answer from the options given below:

- (A) (C) only.
- (B) (C) only.
- (C) (D) only.
- (D) (D) only.

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Match List-I with List-II

	List-II
(A) Pusa Bahar	(Variety)
(B) Pusa Alpana	(I). Sadbhavana
(C) Arka Nirantara	(II). Pusa Alpana
(D) Sadbhavana	(III). Arka Nirantara
(E) Pusa Bahar	(IV). Pusa Bahar

Choose the correct answer from the options given below:

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

Which of the following annual flower crop is used for hanging baskets?

- (A) Petunia
- (B) Geranium
- (C) Begonia
- (D) Impatiens

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Which of the following rose species is cultivated to extract the essential oils in India?

- (A) Rosa damascena
- (B) Rosa chinensis
- (C) Rosa indica
- (D) Rosa rugosa

4.0 1.00

<p>are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>(A) : Over watering of chrysanthemum plants is very harmful for their proper growth and development.</p> <p>(R) : Over watering cause yellowing of leaves and mortality of plants due to rotting of roots.</p> <p>Choose the <i>most appropriate</i> answer from the options given below .</p> <p>(A) and (R) are correct and (R) is the correct explanation of (A).</p> <p>(A) and (R) are correct but (R) is NOT the correct explanation of (A).</p> <p>(A) is correct but (R) is not correct.</p> <p>(A) is not correct but (R) is correct.</p>	4.0	1.00
<p>Which of the following tuberose cultivars were developed through induced mutation?</p> <p>(A) Anmol</p> <p>(B) Rekha</p> <p>(C) Anmol</p> <p>(D) Rekha</p> <p>correct answer from the options given below:</p> <p>(A) only.</p> <p>(B) only.</p> <p>(C) only.</p> <p>(D) only.</p>	4.0	1.00

developed famous Grand Trunk Road and planted avenue trees on the both sides?

- A. Jahangir
- B. Shah Suri
- C. Akbar
- D. Shahjahan

--	--

Which of the following is a smallest orchid?

- A. *Cyclopogon roxburghii*
- B. *Cyclopogon densiflorum*
- C. *Cyclopogon usilla*
- D. *Cyclopogon wallichii*

4.0	1.00

Which of the following are the main features of English gardens?

i

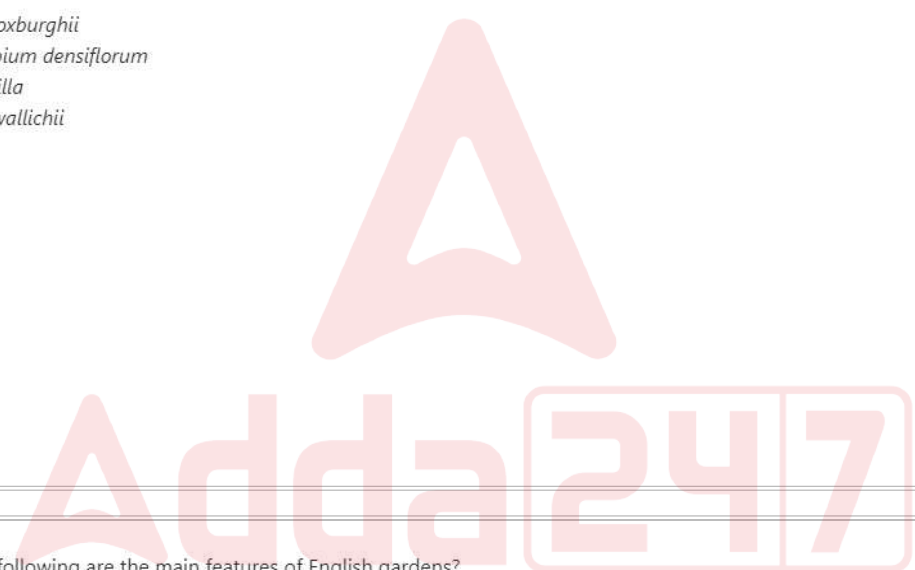
ii

iii. a low border

correct answer from the options given below:

- A. i and (C) only.
- B. ii and (D) only.
- C. iii and (D) only.
- D. i, ii and (D) only.

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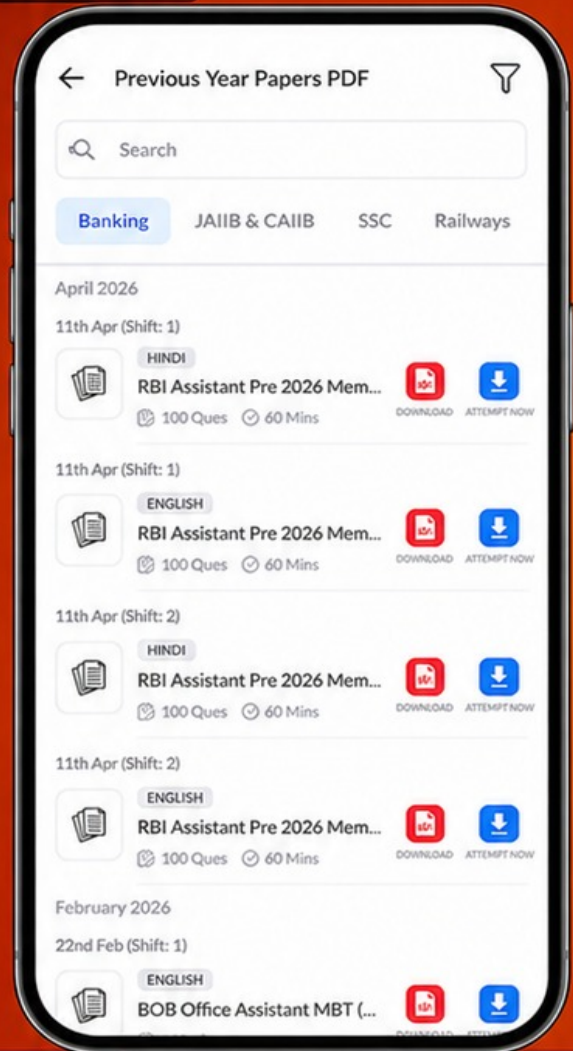
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<p>Following steps of pure line selection method of flower crop improvement in correct sequence? 1. Selection of plants on the basis of their phenotype. 2. Raising preliminary yield trials and rejecting inferior progenies. 3. Progeny selection and its seed multiplication. 4. Raising individual plant progenies and rejection of undesirable progenies. 5. Raising replicated yield trials in several locations and rejecting inferior progenies.</p> <p>Correct answer from the options given below:</p> <p>(A) 1, (E), (B), (A). (B) 1, (C), (B), (E). (C) 1, (B), (E), (C). (D) 1, (E), (A), (D).</p>	<p>4.0</p>	<p>1.00</p>
<p>1. Assertion (A) and Reason (R) are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). 2. Assertion (A) : Lawn is a ground cover of perennial turfgrasses which persists in close mowing and require proper management. 3. Reason (R) : The ideal location of developing lawn in any garden is north, north-west or north east open and shady place for day with adequate water availability.</p> <p>Choose the <i>most appropriate</i> answer from the options given below .</p> <p>(A) Both A and R are correct and (R) is the correct explanation of (A). (B) Both A and R are correct but (R) is NOT the correct explanation of (A). (C) A is correct but (R) is not correct. (D) A is not correct but (R) is correct.</p>	<p>4.0</p>	<p>1.00</p>

NATIONAL TESTING AGENCY
ICAR's All India Entrance Examination July 2023
Final Answer Key

Exam Date : 14.07.2023

Shift : FIRST

Subject : PG - HORTICULTURE (8)

Question ID	Correct Option	Question ID	Correct Option	Question ID	Correct Option
1401	3	1456	4	1511	3
1402	3	1457	4	1512	1
1403	3	1458	4	1513	4
1404	1	1459	2	1514	2
1405	2	1460	2	1515	3
1406	1	1461	1	1516	3
1407	2	1462	1	1517	3
1408	2	1463	4	1518	3
1409	4	1464	2	1519	2
1410	1	1465	1	1520	2
1411	4	1466	1		
1412	3	1467	3		
1413	1	1468	2		
1414	2	1469	4		
1415	4	1470	2		
1416	1	1471	1		
1417	4	1472	1		
1418	2	1473	2		
1419	1	1474	1		
1420	1	1475	4		
1421	1	1476	4		
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1446	4	1501	3		
1447	3	1502	3		
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1449	2	1504	2		
1450	3	1505	2		
1451	4	1506	2		
1452	2	1507	2		
1453	3	1508	1		
1454	3	1509	4		
1455	1	1510	2		