

1

Question ID : 8841

Topic Name : HORTICULTURE

When wheat crop attain crown root initiation stage ?

- (1) 20-25 Days after sowing
- (2) 30-45 Days after sowing
- (3) 75-95 Days after sowing
- (4) 100-125 Days after sowing

Answer Given By Candidate is : 2

2

Question ID : 8842

Topic Name : HORTICULTURE

Which of the following carbohydrate belongs to Disaccharides ?

- (1) Glucose
- (2) Maltose
- (3) Fructose
- (4) Cellulose

Answer Given By Candidate is : 3

3

Question ID : 8843

Topic Name : HORTICULTURE

The causal organism for stripe or yellow rust disease of wheat is :

- (1) *Ustilago tritici*
- (2) *Puccinia striiformis*
- (3) *Neovossia indica*
- (4) *Puccinia recondita*

Answer Given By Candidate is : 1

4

Question ID : 8844

Topic Name : HORTICULTURE

Which of the following crop follows Hatch-Slack carbon pathway in photosynthesis?

- (1) Barley
- (2) Rice
- (3) Sugarcane
- (4) Wheat

Answer Given By Candidate is : 3

5

Question ID : 8845

Topic Name : HORTICULTURE

Golden rice has been developed by which of the following technology/method ?

- (1) Genome editing
- (2) Mutation
- (3) Genetic engineering
- (4) Hybridization

Answer Given By Candidate is : 3

6

Question ID : 8846

Topic Name : HORTICULTURE

The chromosomes having diffused centromeres is termed as _____.

- (1) Monocentric
- (2) Polycentric
- (3) Holocentric
- (4) Localized

Answer Given By Candidate is : 3

7

Question ID : 8847

Topic Name : HORTICULTURE

When one gene affects the expression of another gene, the phenomenon is termed as _____.

- (1) Heterosis
- (2) Epistasis
- (3) Epigenetics
- (4) Independent segregation

Answer Given By Candidate is : 3

8

Question ID : 8848

Topic Name : HORTICULTURE

Which of the following root-knot nematode causes major problem in crops in hill region (Jammu and Kashmir, Himachal Pradesh and Assam) ?

- (1) *Meloidogyne incognita*
- (2) *Meloidogyne javanica*
- (3) *Meloidogyne arenaria*
- (4) *Meloidogyne hapla*

Answer Given By Candidate is : 2

9

Question ID : 8849

Topic Name : HORTICULTURE

Which of the following diseases are favoured by acidic soils ?

- A. Bacterial wilt of potato
- B. Common scab of potato
- C. Take all of wheat
- D. Clubroot of cabbage
- E. Cotton wilt

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

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

NOT ANSWERED

10

Question ID : 8850

Topic Name : HORTICULTURE

_____ is used in the biological control of soil borne fungal diseases.

- (1) *Trichoderma* spp.
- (2) *Penicillium* spp.
- (3) *Fusarium solani*
- (4) *Pythium* spp.

Answer Given By Candidate is : 1

11

Question ID : 8851

Topic Name : HORTICULTURE

Which of the following is **not** a type of site directed nucleases (SDNs) ?

- (1) Zinc-finger nucleases (ZFNs)
- (2) Mega nucleases (MNs)
- (3) Transcription - activator like effector nucleases (TALENs)
- (4) Frame - shift mutation

Answer Given By Candidate is : 4

12

Question ID : 8852

Topic Name : HORTICULTURE

Which of the following chemical/PGR application increase the number of fr grape ?

- (1) GA_3
- (2) BA
- (3) CCC
- (4) DNOC

NOT ANSWERED

13

Question ID : 8853

Topic Name : HORTICULTURE

Match **List - I** with **List - II**. Match the fruit crop with their suitable storage temperature.

List - I (Crop)	List - II (Storage temperature)
A. Mango	I. 6-8°C
B. Litchi	II. 13°C
C. Apple	III. 1.5°C
D. Guava	IV. - 1.1 to 0°C

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

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

Answer Given By Candidate is : 1

14

Question ID : 8854

Topic Name : HORTICULTURE

Arrange the apple root stocks according to their vigour (ultra dwarf to vigorous).

- A. M.9
- B. M.27
- C. M.111
- D. Morton 793

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

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

Answer Given By Candidate is : 2

15

Question ID : 8855

Topic Name : HORTICULTURE

Which of the following bio-regulator is commonly applied for uniform dehulling of chickpea?

- (1) IBA
- (2) GA₃
- (3) DNOC
- (4) Ethrel

NOT ANSWERED

16

Question ID : 8856

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I	List - II
Crop	Commercial propagation
A. Litchi	I. Runner
B. Peach	II. Air layering
C. Grape	III. Tongue grafting
D. Strawberry	IV. Hardwood cutting

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

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

Answer Given By Candidate is : 2

17

Question ID : 8857

Topic Name : HORTICULTURE

"BUD-9" is an important winter hardy rootstock of which of the following fruit c

- (1) Grape
- (2) Apple
- (3) Pear
- (4) Peach

NOT ANSWERED

18

Question ID : 8858

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I	List - II
Pollinator	Crop
A. Hover flies	I. Fig
B. <i>Blastophaga psenes</i>	II. Custard apple
C. Nitidulid beetles	III. Ber
D. Wasp	IV. Mango

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

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

NOT ANSWERED

19

Question ID : 8859

Topic Name : HORTICULTURE

"Anupam" has been identified as one of the important dwarfing interstock for w
crop ?

- (1) Mango
- (2) Grape
- (3) Pear
- (4) Plum

NOT ANSWERED

20

Question ID : 8860

Topic Name : HORTICULTURE

What is general limit of the somaclonal variation permitted in the commercial *in v* of fruit crops ?

- (1) 3 - 5%
- (2) 5 - 8%
- (3) 8 - 11%
- (4) 11 - 13%

Answer Given By Candidate is : 1

21

Question ID : 8861

Topic Name : HORTICULTURE

Which of the following is a calcium-loving fruit crop ?

- (1) Mango
- (2) Citrus
- (3) Apple
- (4) Guava

Answer Given By Candidate is : 3

22

Question ID : 8862

Topic Name : HORTICULTURE

The varieties with less grit cells, large fruit and enhanced shelf life is considered fruits in which fruit crop ?

- (1) Apple
- (2) Pear
- (3) Peach
- (4) Plum

Answer Given By Candidate is : 1

23

Question ID : 8863

Topic Name : HORTICULTURE

"CNSL" is associated with which of the following crop ?

- (1) Coffee
- (2) Cocoa
- (3) Cashew
- (4) Tea

NOT ANSWERED

24

Question ID : 8864

Topic Name : HORTICULTURE

Which of the following apple rootstock having problem of brittle and shallow : essentially required staking ?

- (1) M.9
- (2) MM 106
- (3) MM 109
- (4) MM 111

NOT ANSWERED

25

Question ID : 8865

Topic Name : HORTICULTURE

Which of the following apple variety is considered as indigenous to India ?

- (1) Golden Delicious
- (2) Red Gold
- (3) Ambri
- (4) Maharaji

Answer Given By Candidate is : 3

26

Question ID : 8866

Topic Name : HORTICULTURE

In which crop Quince has explored as commercial rootstock ?

- (1) Apple
- (2) Pear
- (3) Peach
- (4) Plum

Answer Given By Candidate is : 2

27

Question ID : 8867

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I	List - II
Fruit crop	Rootstock
A. Mango	I. 110 R
B. Grape	II. Paja
C. Plum	III. Myrobalan
D. Cherry	IV. Gomera

Choose the correct answer from the options given below :

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

NOT ANSWERED

28

Question ID : 8868

Topic Name : HORTICULTURE

Arrange the fruit crops according to their salinity tolerance (susceptible to highly

- A. Banana
- B. Jamun
- C. Guava
- D. Date palm

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

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

Answer Given By Candidate is : 2

29

Question ID : 8869

Topic Name : HORTICULTURE

Which of the following guava cultivar was selected from half sib population of A

- (1) Hisar Surkha
- (2) Hisar Safeda
- (3) Lalit
- (4) Pant Prabhat

NOT ANSWERED

30

Question ID : 8870

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I	List - II
Crop	Product
A. Cashew	I. Perry
B. Pear	II. Raki
C. Fig	III. Cider
D. Apple	IV. Fenny

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

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

Answer Given By Candidate is : 2

31

Question ID : 8871

Topic Name : HORTICULTURE

The term arm, cane and spur are associated with which fruit crop ?

- (1) Apple
- (2) Pear
- (3) Fig
- (4) Grape

Answer Given By Candidate is : 2

32

Question ID : 8872

Topic Name : HORTICULTURE

Which of the following fruit crop belongs to order Zingiberales ?

- (1) Mango
- (2) Banana
- (3) Citrus
- (4) Papaya

Answer Given By Candidate is : 2

33

Question ID : 8873

Topic Name : HORTICULTURE

"Choke throat" is an important physiological disorder of _____.

- (1) Avocado
- (2) Annona
- (3) Banana
- (4) Ber

Answer Given By Candidate is : 3

34

Question ID : 8874

Topic Name : HORTICULTURE

Which of the following mineral nutrient is commonly known as "Quality Mineral for banana" ?

- (1) N
- (2) P
- (3) K
- (4) Zn

Answer Given By Candidate is : 3

35

Question ID : 8875

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I		List - II	
Vector		Disease	
A.	<i>Pentalonia nigronervosa</i>	I.	Tristeza
B.	<i>Diaphorina citri</i>	II.	Banana bunchy top
C.	<i>Toxoptera citricida</i>	III.	Pineapple wilt
D.	<i>Dysmicoccus brevipes</i>	IV.	Citrus greening

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

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

Answer Given By Candidate is : 2

36

Question ID : 8876

Topic Name : HORTICULTURE

Which of the following citrus species is mono-embryonic ?

- (1) *Citrus sinensis*
- (2) *Citrus aurantium*
- (3) *Citrus maxima*
- (4) *Citrus paradisi*

Answer Given By Candidate is : 1

37

Question ID : 8877

Topic Name : HORTICULTURE

Which of the following is a mandarin ?

- (1) Ponkan
- (2) Sathgudi
- (3) Pineapple
- (4) Hamlin

NOT ANSWERED

38

Question ID : 8878

Topic Name : HORTICULTURE

"Cachexia" and 'Scaly butt' are important viral diseases of _____.

- (1) Banana
- (2) Citrus
- (3) Papaya
- (4) Avocado

Answer Given By Candidate is : 2

39

Question ID : 8879

Topic Name : HORTICULTURE

Which of the following is biofortified variety of pomegranate ?

- (1) Ganesh
- (2) Bhagwa
- (3) Ruby
- (4) Solapur Lal

Answer Given By Candidate is : 4

40

Question ID : 8880

Topic Name : HORTICULTURE

Which of the following *Mangifera* species is resistant to anthracnose ?

- (1) *Mangifera andamanica*
- (2) *Mangifera laurina*
- (3) *Mangifera griffiti*
- (4) *Mangifera odorata*

Answer Given By Candidate is : 2

41

Question ID : 8881

Topic Name : HORTICULTURE

"Gomera - 1" is an important mango rootstock developed by :

- (1) India
- (2) Israel
- (3) Australia
- (4) Spain

NOT ANSWERED

42

Question ID : 8882

Topic Name : HORTICULTURE

What is genetic constitution of Grande Naine banana ?

- (1) AA
- (2) AAA
- (3) AAB
- (4) ABB

Answer Given By Candidate is : 2

43

Question ID : 8883

Topic Name : HORTICULTURE

Which of the following compound is used to hasten the bud break in grape under conditions ?

- (1) GA₃
- (2) CCC
- (3) TIBA
- (4) Hydrogen cyanamide

Answer Given By Candidate is : 4

44

Question ID : 8884

Topic Name : HORTICULTURE

Alemow is botanically known as _____.

- (1) *Citrus aurantium*
- (2) *Citrus sinensis*
- (3) *Citrus macrophylla*
- (4) *Citrus grandis*

NOT ANSWERED

45

Question ID : 8885

Topic Name : HORTICULTURE

In International grading system of kiwifruit, the A grade fruits are having fruit weight

- (1) > 100 g
- (2) 70-100 g
- (3) 50-60 g
- (4) < 50 g

Answer Given By Candidate is : 2

46

Question ID : 8886

Topic Name : HORTICULTURE

Type of Japanese flower arrangement where arrangement is made in shallow containers and flowers and branches are supported with pin holders is _____.

- (1) Zeneika
- (2) Morimono
- (3) Nageire
- (4) Moribana

Answer Given By Candidate is : 3

47

Question ID : 8887

Topic Name : HORTICULTURE

Duranta plumieri belongs to family :

- (1) Acanthaceae
- (2) Rubiaceae
- (3) Oleaceae
- (4) Verbenaceae

Answer Given By Candidate is : 4

48

Question ID : 8888

Topic Name : HORTICULTURE

Dollar spot is a major fungal disease of which of the following ?

- (1) Chrysanthemum
- (2) Lawn grasses
- (3) Marigold
- (4) Rose

Answer Given By Candidate is : 2

49

Question ID : 8889

Topic Name : HORTICULTURE

Match List - I with List - II.

**List - I
(Annuals)**

- A. Sweet pea
- B. Cineraria
- C. Statice
- D. Marigold

**List - II
(Utility/purpose)**

- I. Shady situation
- II. Screening
- III. Loose flower
- IV. Dry flower

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

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

Answer Given By Candidate is : 4

50

Question ID : 8890

Topic Name : HORTICULTURE

Which of the following is a post-harvest disorder of gladiolus ?

- (1) Calyx splitting
- (2) Scape bending
- (3) Bull head
- (4) Negative geotropism

NOT ANSWERED

51

Question ID : 8891

Topic Name : HORTICULTURE

The optimum storage temperature of carnation cut flowers under dry storage is :

- (1) 0-1°C
- (2) 4°C
- (3) 7-8°C
- (4) 10-12°C

Answer Given By Candidate is : 2

52

Question ID : 8892

Topic Name : HORTICULTURE

“Arka Nirantara” and “Arka Sugandhi ” are varieties of which of the followi flower crop ?

- (1) Marigold
- (2) Tuberose
- (3) Chrysanthemum
- (4) Carnation

Answer Given By Candidate is : 2

53

Question ID : 8893

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I (Common name)	List - II (Scientific name)
A. Snapdragon	I. <i>Quisqualis indica</i>
B. Devil's tree	II. <i>Cestrum diurnum</i>
C. Day Jasmine	III. <i>Antirrhinum majus</i>
D. Rangoon creeper	IV. <i>Alstonia scholaris</i>

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

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

Answer Given By Candidate is : 2

54

Question ID : 8894

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I (Crop)	List - II (Basic chromosome number (X))
A. Carnation	I. 9
B. Marigold	II. 7
C. Rose	III. 12
D. Chrysanthemum	IV. 15

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

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

Answer Given By Candidate is : 3

55

Question ID : 8895

Topic Name : HORTICULTURE

Which of the following lawn grass belongs to cool season lawn grass category ?

- (1) *Agrostis stolonifera*
- (2) *Cynodon dactylon*
- (3) *Paspalum notatum*
- (4) *Zoysia japonica*

Answer Given By Candidate is : 1

56

Question ID : 8896

Topic Name : HORTICULTURE

Marigold variety "Pusa Narangi Gaiinda" belongs to which of the following *Taget*

- (1) *Tagetes minuta*
- (2) *Tagetes tenuifolia*
- (3) *Tagetes patula*
- (4) *Tagetes erecta*

57

Question ID : 8897

Topic Name : HORTICULTURE

Which of the following are not the features of Mughal gardens ?

- A. Terrace
- B. Bridges
- C. Baradari
- D. Stone Lanterns
- E. Tomb

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

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

Answer Given By Candidate is : 4

58

Question ID : 8898

Topic Name : HORTICULTURE

Genic male sterility has been reported in which of the following flower crops ?

- A. Marigold
- B. Petunia
- C. Zinnia
- D. Delphinium
- E. Antirrhinum

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

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

Answer Given By Candidate is : 4

59

Question ID : 8899

Topic Name : HORTICULTURE

Which of the following is a thorny bushy shrub being used as an effective protect

- (1) *Poinsettia pulcherrema*
- (2) *Acalypha wilkesiana*
- (3) *Eranthemum bicolor*
- (4) *Carissa carandas*

NOT ANSWERED

60

Question ID : 8900

Topic Name : HORTICULTURE

Which of the following belongs to fine leaf textured lawn grass ?

- (1) *Agrostis tenuis*
- (2) *Eremochola ophiuroides*
- (3) *Stenotaphrum secundatum*
- (4) *Axonopus affinis*

NOT ANSWERED

61

Question ID : 8901

Topic Name : HORTICULTURE

Which of the following belongs to intergeneric monopodial hybrid of orchids ?

- (1) Cymbidium
- (2) Mokara
- (3) Dendrobium
- (4) Phalaenopsis

Answer Given By Candidate is : 3

62

Question ID : 8902

Topic Name : HORTICULTURE

Which of the following annual belongs to category of inbreeders in breeding system ?

- (1) Sweet pea
- (2) Marigold
- (3) Petunia
- (4) Cineraria

Answer Given By Candidate is : 1

63

Question ID : 8903

Topic Name : HORTICULTURE

Given below are two statements :

Statement (I) : Pusa Centenary is an induced radio mutant of variety Thai Chrysanthemum suitable for cut flower and exhibition purpose.

Statement (II) : Pusa Anmol is an induced radio mutant of variety Ajay in chrysanthemum which is thermo and photo insensitive in nature.

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

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

Answer Given By Candidate is : 1

64

Question ID : 8904

Topic Name : HORTICULTURE

Chafer Beetles are the major insect-pest of which of the following commercial flo

- (1) Carnation
- (2) Rose
- (3) Tuberose
- (4) Gladiolus

NOT ANSWERED

65

Question ID : 8905

Topic Name : HORTICULTURE

Nelumbo nucifera commonly known as Lotus belongs to which category of plants in

- (1) Floating plants
- (2) Oxygenators
- (3) Surface flowering aquatics
- (4) Marginal plants

Answer Given By Candidate is : 3

66

Question ID : 8906

Topic Name : HORTICULTURE

Which of the following principle of landscaping serves as centre of attraction and monotonous view of the garden ?

- (1) Accent
- (2) Balance
- (3) Rhythm
- (4) Proportion

Answer Given By Candidate is : 4

67

Question ID : 8907

Topic Name : HORTICULTURE

Which of the following cut flower is commonly known as 'Queen of the East' ?

- (1) Carnation
- (2) Tuberose
- (3) Chrysanthemum
- (4) Gladiolus

Answer Given By Candidate is : 1

68

Question ID : 8908

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I (Crop)	List - II (Commercial Propagation Method)
A. Gladiolus	I. Bulbs
B. Tuberose	II. Terminal cuttings
C. Marigold	III. Corms
D. Chrysanthemum	IV. Seeds

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

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

Answer Given By Candidate is : 2

69

Question ID : 8909

Topic Name : HORTICULTURE

Causal organism of flower bud rot disease of marigold is :

- (1) *Rhizoctonia solani*
- (2) *Alternaria dianthi*
- (3) *Cercospora taeticola*
- (4) *Alternaria zinniae*

Answer Given By Candidate is : 1

70

Question ID : 8910

Topic Name : HORTICULTURE

Given below are two statements :

Statement (I) : On basis of growth habit of trees, *Araucaria cooki* is pyramidal in *Salix babylonica* is weeping in nature.

Statement (II) : *Pyrus communis* is a flowering tree of tropical region whe *campanulata* is a flowering tree of temperate regions.

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

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

NOT ANSWERED

71

Question ID : 8911

Topic Name : HORTICULTURE

Kasturi and Kesari are types of _____ (crop).

- (1) Coriander
- (2) Ginger
- (3) Turmeric
- (4) Black pepper

Answer Given By Candidate is : 3

72

Question ID : 8912

Topic Name : HORTICULTURE

Which of the following turmeric variety has highest curcumin content (%) ?

- (1) IISR Alleppey Supreme
- (2) Varna
- (3) IISR Prabha
- (4) Suguna

Answer Given By Candidate is : 1

73

Question ID : 8913

Topic Name : HORTICULTURE

Which of the following is/are hybrids of chilli ?

- A. Pusa Sadabahar
- B. Kashi Surkh
- C. Punjab Lal
- D. Arka Meghana
- E. CH-1

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

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

Answer Given By Candidate is : 4

74

Question ID : 8914

Topic Name : HORTICULTURE

Arrange the crops in descending order for spacing requirement :

- A. Brinjal
- B. Knol-khol
- C. Onion
- D. Cucumber
- E. Ridge gourd

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

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

Answer Given By Candidate is : 3

75

Question ID : 8915

Topic Name : HORTICULTURE

Which of the following is/are hybrids of carrot ?

- A. Pusa Rudhira
- B. Pusa Asita
- C. Pusa Nayanjyoti
- D. Pusa Vasuda
- E. Nantes

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

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

NOT ANSWERED

76

Question ID : 8916

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I

(Crop)

- A. Ridge gourd
- B. Garden pea
- C. Orange carrot
- D. Cauliflower (early)

List - II

(Suitable growing Temperature)

- I. 13 - 18°C
- II. 15.6 - 21.1°C
- III. 25 - 30°C
- IV. 20 - 27°C

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

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

Answer Given By Candidate is : 2

77

Question ID : 8917

Topic Name : HORTICULTURE

Scientific name of Knol Khol is _____.

- (1) *Brassica oleracea* var. *alboglabra*
- (2) *Brassica oleracea* var. *italica* Plenck
- (3) *Brassica oleracea* var. *gongylodes* L.
- (4) *Brassica oleracea* var. *gemifera* DC

Answer Given By Candidate is : 3

78

Question ID : 8918

Topic Name : HORTICULTURE

Which of the following is correct option about processing purpose varieties of potato

- (1) Higher dry matter and low reducing sugar
- (2) Higher dry matter and high reducing sugar
- (3) Low dry matter and low reducing sugar
- (4) Low reducing sugar and high phenol content

79

Question ID : 8919

Topic Name : HORTICULTURE

Which is/are NOT the character(s) of processing type varieties of tomato ?

- A. Low pH (below 4.5)
- B. High TSS (5.5 and above)
- C. Low titrable acidity (0.4 - 0.5 percent)
- D. Low viscosity
- E. Solid/acid ratio of 15

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

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

Answer Given By Candidate is : 2

80

Question ID : 8920

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I (Crop)	List - II (Variety)
A. Fennel	I. Sindhu
B. Fenugreek	II. Hisar Swarup
C. Coriander	III. Rajendra Sonia
D. Turmeric	IV. Rajendra Kranti

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

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

Answer Given By Candidate is : 2

81

Question ID : 8921

Topic Name : HORTICULTURE

Which of the following practice is followed in turmeric for killing biological activity getting uniform colour throughout the rhizome ?

- (1) Boiling
- (2) Polishing
- (3) Drying
- (4) Colouring

Answer Given By Candidate is : 1

82

Question ID : 8922

Topic Name : HORTICULTURE

In seed plot technique, the dehauling of potato crop is done before aphid population reaches critical level of _____.

- (1) 100 aphids per compound leaf
- (2) 20 aphids per compound leaf
- (3) 20 aphids per 100 compound leaves
- (4) 100 aphids per 20 compound leaves

Answer Given By Candidate is : 1

83

Question ID : 8923

Topic Name : HORTICULTURE

Minisett technique is developed for propagation of _____ (crop).

- (1) Potato
- (2) Cassava
- (3) Sweet potato
- (4) Turnip

Answer Given By Candidate is : 2

84

Question ID : 8924

Topic Name : HORTICULTURE

Which of the following are cabbage varieties ?

- A. Pusa Sharad
- B. September
- C. Pusa Ageti
- D. Pride of India
- E. Kinner Red

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

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

Answer Given By Candidate is : 4

85

Question ID : 8925

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I

(Crop)

- A. Cabbage
- B. Sweet potato
- C. Cassava
- D. Carrot

List - II

(Centre of origin)

- I. Afghanistan
- II. Mediterranean region
- III. Central America
- IV. South America

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

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

86

Question ID : 8926

Topic Name : HORTICULTURE

Arrange the vegetable crops according to their period of introduction in India (p

- A. Cauliflower
- B. Chilli
- C. Tomato
- D. Broccoli

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

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

Answer Given By Candidate is : 1

87

Question ID : 8927

Topic Name : HORTICULTURE

The seed rate of F₁ hybrid varieties of brinjal is _____.

- (1) 250 g/hectare
- (2) 50 g/hectare
- (3) 125 g/hectare
- (4) 350 g/hectare

Answer Given By Candidate is : 1

88

Question ID : 8928

Topic Name : HORTICULTURE

Bhoot Jalokia and Naga Jhall are cultivars of chilli belongs to the species _____

- (1) *Capsicum frutescens*
- (2) *Capsicum chinese*
- (3) *Capsicum annum*
- (4) *Capsicum pubescens*

NOT ANSWERED

89

Question ID : 8929

Topic Name : HORTICULTURE

Which of the following disorders in vegetable crops appears due to deficiency of

- A. Cavity spot
- B. Necrosis of hypocotyl
- C. Akashin
- D. Blossom end rot

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

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

Answer Given By Candidate is : 4

90

Question ID : 8930

Topic Name : HORTICULTURE

Indra is a variety of _____.

- (1) Cucumber
- (2) Sweet pepper
- (3) Spinach
- (4) Cherry tomato

Answer Given By Candidate is : 1

91

Question ID : 8931

Topic Name : HORTICULTURE

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

Assertion (A) : Pusa Hybrid - 1 sets fruits at high temperatures upto 20° C night

Reason (R) : Night temperature is critical for fruit set in tomato.

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

- (1) Both (A) and (R) are true and (R) is the correct explanation of (A)
- (2) Both (A) and (R) are true but (R) is **not** the correct explanation of (A)
- (3) (A) is true but (R) is false
- (4) (A) is false but (R) is true

NOT ANSWERED

92

Question ID : 8932

Topic Name : HORTICULTURE

Which of the following vegetables can be suggested for a farm having soil salinity

- A. Garden pea
- B. Beet root
- C. Bitter gourd
- D. Potato

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

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

93

Question ID : 8933

Topic Name : HORTICULTURE

Which of the following nutrient(s) has/have higher availability in soil pH range c

- A. Molybdenum
- B. Manganese
- C. Iron
- D. Zinc

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

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

Answer Given By Candidate is : 2

94

Question ID : 8934

Topic Name : HORTICULTURE

Which of the following vegetable crop has tetramorphic sex expression ?

- (1) Palak
- (2) Spinach
- (3) Cassava
- (4) Sweet potato

Answer Given By Candidate is : 2

95

Question ID : 8935

Topic Name : HORTICULTURE

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

List - I (Crop)	List - II (Family)
A. Sweet potato	I. Brassicaceae
B. Turnip	II. Euphorbiaceae
C. Cassava	III. Fabaceae
D. Fenugreek	IV. Convolvulaceae

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

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

Answer Given By Candidate is : 3

96

Question ID : 8936

Topic Name : HORTICULTURE

Given below are two statements :

Statement (I) : *Trigonella foenum-graceum* is slow growing and produce sickle sh

Statement (II) : Kasuri methi is fast growing and produce bright orange to yellow

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

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

Answer Given By Candidate is : 1

97

Question ID : 8937

Topic Name : HORTICULTURE

Which of the following is/are local types of chilli ?

- A. Manjari Gota
- B. Gundu
- C. Sarda
- D. Mathania

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

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

NOT ANSWERED

98

Question ID : 8938

Topic Name : HORTICULTURE

Descending order of vegetable crops for seed replacement (%) is :

- A. Garden pea
- B. Brinjal
- C. Chilli
- D. Tomato
- E. Okra

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

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

NOT ANSWERED

99

Question ID : 8939

Topic Name : HORTICULTURE

Match List - I with List - II.

List - I (Crop)	List - II (Edible Parts)
A. Cauliflower	I. Leaf
B. Knol khol	II. Curd
C. Cabbage	III. Root
D. Turnip	IV. Knob

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

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

Answer Given By Candidate is : 2

100

Question ID : 8940

Topic Name : HORTICULTURE

The black pepper crop is ready for harvesting in _____ after flowering.

- (1) 3-4 months
- (2) 6-8 months
- (3) 4-5 months
- (4) 10-12 months

Answer Given By Candidate is : 2

101

Question ID : 8941

Topic Name : HORTICULTURE

Given below are two statements :

Statement (I) : Caprifig are most primitive cultivated type of fig with short styled p and harbour Blastophaga psenes.

Statement (II) : Smyrna fig develop fruits without the stimulation of pollination a
In the light of the above statements, choose the **correct** answer from the options g

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

Answer Given By Candidate is : 1

102

Question ID : 8942

Topic Name : HORTICULTURE

"Tea Mosquito Bug" is an important insect pest of which of the following crop ?

- (1) Tea
- (2) Coffee
- (3) Cashew
- (4) Cocoa

Answer Given By Candidate is : 1

103

Question ID : 8943

Topic Name : HORTICULTURE

Which of the following coconut variety is recommended for the root (wilt) diseases

- (1) Kalpa Sree
- (2) Kalpa Jyoti
- (3) Kalpa Surya
- (4) Kalpa Haritha

NOT ANSWERED

104

Question ID : 8944

Topic Name : HORTICULTURE

Which of the following is true for the dwarf coconut varieties ?

- A. Highly heterozygous
- B. Short productive life (40-50 years)
- C. Referred as var. *nana*
- D. Resistance to certain diseases

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

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

Answer Given By Candidate is : 4

105

Question ID : 8945

Topic Name : HORTICULTURE

Given below are two statements :

Statement (I) : *Arabica* coffee is self sterile, diploid species of the genus *coffea*

Statement (II) : Robusta coffee is only self fertile, also tetraploid species of the ge

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

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

Answer Given By Candidate is : 1

106

Question ID : 8946

Topic Name : HORTICULTURE

Given below are two statements :

Statement (I) : Flat roof gable system of training is practiced in grapes.

Statement (II) : Pruning of grapes is done during the month of April in North Inc

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

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

NOT ANSWERED

107

Question ID : 8947

Topic Name : HORTICULTURE

Which of the following is true for the glycemic index (GI) of coconut sugar/jaggery?

- (1) GI - 35
- (2) GI - 55
- (3) GI - 75
- (4) GI - 95

NOT ANSWERED

108

Question ID : 8948

Topic Name : HORTICULTURE

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

Assertion (A) : The dwarf coconut palms are more homozygous than the tall palms.

Reason (R) : The dwarf coconut palms have a high degree of cross-pollination.

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

- (1) Both **(A)** and **(R)** are true and **(R)** is the correct explanation of **(A)**
- (2) Both **(A)** and **(R)** are true but **(R)** is **not** the correct explanation of **(A)**
- (3) **(A)** is true but **(R)** is false
- (4) **(A)** is false but **(R)** is true

Answer Given By Candidate is : 3

109

Question ID : 8949

Topic Name : HORTICULTURE

How many vines of black pepper can be accommodated in one hectare area in pure culture?

- (1) 2100
- (2) 1100
- (3) 500
- (4) 3300

Answer Given By Candidate is : 4

110

Question ID : 8950

Topic Name : HORTICULTURE

Match List - I with List - II.

**List - I
(Cultivars)**

- A. Sonpari
- B. Pusa Arunima
- C. Arka Puneet
- D. Amrapali

**List - II
(Parentage)**

- I. Amarpali × sensation
- II. Alphonso × Baneshan
- III. Dashehari × Neelam
- IV. Alphonso × Banganpalli

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

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

Answer Given By Candidate is : 3

111

Question ID : 8951

Topic Name : HORTICULTURE

The term “ D leaves” is associated with which fruit crop ?

- (1) Papaya
- (2) Pineapple
- (3) Pear
- (4) Peach

NOT ANSWERED

112

Question ID : 8952

Topic Name : HORTICULTURE

Graphiola leaf spot is an important disease of _____.

- (1) Fig
- (2) Avocado
- (3) Date palm
- (4) Olive

Answer Given By Candidate is : 1

113

Question ID : 8953

Topic Name : HORTICULTURE

Which of the following is a major insect-pest of black pepper ?

- (1) *Lanka ramakrishnai*
- (2) *Glyphipterix sp.*
- (3) *Arttona chorista*
- (4) *Conogethes punctiferalis*

NOT ANSWERED

114

Question ID : 8954

Topic Name : HORTICULTURE

Cylas formicarius is a major pest of _____.

- (1) Cassava
- (2) Sweet potato
- (3) Okra
- (4) Chilli

Answer Given By Candidate is : 4

115

Question ID : 8955

Topic Name : HORTICULTURE

Arka Chandan is a variety of _____.

- (1) Pointed gourd
- (2) Bitter gourd
- (3) Pumpkin
- (4) Tomato

NOT ANSWERED

116

Question ID : 8956

Topic Name : HORTICULTURE

The seed rate of F₁ hybrid tomato is :

- (1) 200 g/hectare
- (2) 125 g/hectare
- (3) 300 g/hectare
- (4) 50 g/hectare

Answer Given By Candidate is : 1

117

Question ID : 8957

Topic Name : HORTICULTURE

The term "Teinturiar" is associated with _____.

- (1) Guava
- (2) Grape
- (3) Apple
- (4) Avocado

Answer Given By Candidate is : 4

118

Question ID : 8958

Topic Name : HORTICULTURE

Bunchy top of papaya is caused by :

- (1) Fungus
- (2) Virus
- (3) Bacteria
- (4) Phytoplasma

Answer Given By Candidate is : 2

119

Question ID : 8959

Topic Name : HORTICULTURE

Which of the following genera belongs to cool orchids ?

- (1) Aerides
- (2) Rhyncostylis
- (3) Cymbidium
- (4) Vanda

NOT ANSWERED

120

Question ID : 8960

Topic Name : HORTICULTURE

"Paint brush stage" is the optimum harvesting stage of which of the following flowers?

- (1) Rose
- (2) Chrysanthemum
- (3) Carnation
- (4) Tuberose

Answer Given By Candidate is : 3