

- Question No. 1

HD 2329 is a variety of:

**Options :**

1. Barley
2. Wheat
3. Cotton
4. Linseed
- 5.

Answer : Wheat

- Question No. 2

Yellow mosaic in soybean is spread by:

**Options :**

1. Soil
2. Seed
3. Wind
4. White fly
- 5.

Answer : White fly

- Question No. 3

Agriculture education day is celebrated on the birth anniversary of

**Options :**

1. M S Swaminathan
2. Rajendra Prasad

3. Choudhary Charan Singh
4. Venkatraman
- 5.

Answer : Rajendra Prasad

• Question No. 4

Objectionable weed for seed production of wheat is:

**Options :**

1. Chenopodium album
2. Convolvulus arvensis
3. Phalaris minor
4. Melilotus indica
- 5.

Answer : Convolvulus arvensis

• Question No. 5

Which element is maximum in black soil:

**Options :**

1. Nitrogen
2. Phosphorus
3. Potash
4. Sulphur
- 5.

Answer : Potash

• Question No. 7

Boron deficiency causes:

**Options :**

1. Blue chaff disease
2. Die back disease
3. Gray speck disease
4. Brown heart disease
- 5.

Answer : Brown heart disease

• Question No. 7

Maize crop is specially sensitive to soil moisture stress at:

**Options :**

1. Knee high stage
2. Tasseling stage
3. Anthesis stage
4. None of these
- 5.

Answer : Knee high stage

• Question No. 8

Yellow mosaic resistant variety of Moong is:

**Options :**

1. Moong T□
2. T□□
3. Pant moong-6
4. Pusa Baisakhi
- 5.

Answer : Pant moong-6

• Question No. 9

Which is not a synthetic auxin?

**Options :**

1. 2,4-D
2. IAA
3. Dalapon
4. Dicamba
- 5.

Answer : IAA

• Question No. 10

Which crop is susceptible to deficiency of iron?

**Options :**

1. Barley
2. Maize
3. Peas
4. Rice
- 5.

Answer : Rice

• Question No. 11

Drought tolerance in plants is due to:

**Options :**

1. Improved water uptake
2. Conserving moisture
3. Mitigating stress mechanism

4. None of these

5.

Answer : Mitigating stress mechanism

• Question No. 12

At what time groundnut plant is self pollinated?

**Options :**

1. Morning

2. Evening

3. Mid day

4. Night

5.

Answer : Evening

• Question No. 13

Control of weeds by weedicides in linseed is\_\_

**Options :**

1. Pendimethalin

2. 2,4-D

3. Atrazine

4. None of these

5.

Answer : Pendimethalin

• Question No. 14

The process of development of seed from anther is called:

**Options :**

1. Androgenesis
2. Pathenogenesis
3. Apomixis
4. Sporogenesis
- 5.

Answer : Androgenesis

• Question No. 15

The most important technique for the production of virus free seed is:

**Options :**

1. Roguing
2. Grow out test
3. Tissue culture
4. Planting in isolation
- 5.

Answer : Tissue culture

• Question No. 16

One of the following is the seed borne diseases:

**Options :**

1. Powdery mildew of peas
2. Loose smut of wheat
3. Rust of lentil
4. Cercospora leaf spot of mungbean
- 5.

Answer : Loose smut of wheat

- Question No. 17

The treatment of seeds with rhizobium culture and fungicides is done in:

**Options :**

1. Soybean
2. Millets
3. Mustard
4. Sugarcane
- 5.

Answer : Soybean

- Question No. 18

The seed plot technique is followed in the seed production of ?

**Options :**

1. Wheat
2. Potato
3. Garlic
4. Sweet potato
- 5.

Answer : Potato

- Question No. 19

The Central Seed Testing Laboratory is located at:

**Options :**

1. New Delhi
2. Banglore
3. Kolkata

4. Chandigarh

5.

Answer : New Delhi

• Question No. 20

The isolation distance for the production of foundation seed in bajra is:

**Options :**

1. 150 m

2. 500 m

3. 1000 m

4. 1600 m

5.

Answer : 1000 m

• Question No. 21

In germination test the commonly used term B P stands for:

**Options :**

1. Below paper

2. Between paper

3. Butter paper

4. Bamer paper

5.

Answer : Between paper

• Question No. 22

Dithane M45 is a:



**Options :**

1. Rodenticide
2. Weedicide
3. Fungicide
4. Hormone
- 5.

Answer : Fungicide

• Question No. 23

In seed technology the term "Ear" means:

**Options :**

1. Hearing organ
2. Type of inflorescence
3. Type of seed
4. Vigour testing Method
- 5.

Answer : Type of inflorescence

• Question No. 24

With a decrease of 10°F temperature the storage potential of the seed is:

**Options :**

1. Decreased
2. Doubled
3. Tripled
4. Reduced to half
- 5.

Answer : Doubled

- Question No. 25

The genetic purity of the seed is tested by:

**Options :**

1. T Z test
2. Moisture test
3. Grow out test
4. Dormancy test
- 5.

Answer : Grow out test

- Question No. 26

Halna is a variety of:

**Options :**

1. Tomato
2. Lentil
3. Wheat
4. Rice
- 5.

Answer : Wheat

- Question No. 27

One of the seeds has the dormancy:

**Options :**

1. Groundnut
2. Mustard
3. Onion

4. Wheat

5.

Answer : Groundnut

- Question No. 28

In quality seed, our primary concern is with:

**Options :**

1. Endosperm
2. Seed coat
3. Embryo
4. None of these
- 5.

Answer : Embryo

- Question No. 29

One of the seeds is non-albuminous:

**Options :**

1. Castor
2. Groundnut
3. Lentil
4. Onion
- 5.

Answer : Groundnut

- Question No. 30

One of the following category of seeds is not certified by certification agency:

**Options :**

1. Certified seed
2. Nucleus seed
3. Breeder seed
4. Foundation seed
- 5.

Answer : Nucleus seed

• Question No. 31

The isolation distance for production of loose smut free seeds in wheat is:

**Options :**

1. 1000 m
2. 150 m
3. 10 m
4. 3 m
- 5.

Answer : 150 m

• Question No. 32

Delinting in cotton seed is required for:

**Options :**

1. Proper distribution of seed
2. Improving viability
3. Enhancing germination
4. Establishing seedlings better
- 5.

Answer : Proper distribution of seed

- Question No. 33

The highly proteinous seed is:

**Options :**

1. Peas
2. Chickpea
3. Soybean
4. Wheat
- 5.

Answer : Soybean

- Question No. 34

Fluff is the seed produced in:

**Options :**

1. Sunflower
2. Sugarcane
3. Soybean
4. Mustard
- 5.

Answer : Sugarcane

- Question No. 35

One of the following seed takes longest time to germinate:

**Options :**

1. Bitter gourd
2. Guar
3. Mungbean

4. Wheat

5.

Answer : Bitter gourd

- Question No. 36

Caruncle is found in the seed of:

**Options :**

1. Wheat

2. Castor

3. Cluster bean

4. Chickpea

5.

Answer : Castor

- Question No. 37

Aflatoxin is a disease afflicted in the seeds of:

**Options :**

1. Groundnut

2. Sorghum

3. Soybean

4. Rajma

5.

Answer : Groundnut

- Question No. 38

Most commonly used fungicide for seed treatment is:

**Options :**

1. Dithane M- 45
2. Dithane Z-78
3. Agrosan G N
4. Copper sulphate
- 5.

Answer : Dithane M- 45

• Question No. 39

Mitosis occurs between:

**Options :**

1. G<sub>1</sub> to S
2. S to G<sub>1</sub>
3. G<sub>1</sub> to G<sub>1</sub>
4. None
- 5.

Answer : G<sub>1</sub> to G<sub>1</sub>

• Question No. 40

When there is crossing over between centromere and gene under consideration, the segregation of that gene takes place during:

**Options :**

1. Metaphase I
2. Metaphase II
3. Anaphase I
4. Anaphase II
- 5.

Answer : Anaphase I

- Question No. 41

Renner complex is associated with:

**Options :**

1. D. melanogaster
2. O. lamarckiana
3. C. Elegans
4. X levis
- 5.

Answer : O. lamarckiana

- Question No. 42

Polyploidy in plant is induced by:

**Options :**

1. X-ray
2. GA
3. Colchicine
4. Acridine dye
- 5.

Answer : Colchicine

- Question No. 43

Q-Band is obtained by use of:

**Options :**

1. Quinacrine mustard



2. Nitrogen mustard
3. Sulphur mustard
4. All of these
- 5.

Answer : Quinacrine mustard

- Question No. 44

Which of the following histone is smallest:

**Options :**

1. H<sub>1</sub>
2. H<sub>2</sub>
3. H<sub>2</sub>A
4. H<sub>3</sub>
- 5.

Answer : H<sub>1</sub>

- Question No. 45

DNA G is responsible for:

**Options :**

1. Primase
2. Gyrase
3. SSB
4. TBP
- 5.

Answer : Primase

- Question No. 46

Nalidixic acid, an antibiotic is an inhibitor of:

**Options :**

1. RNA synthesis
2. DNA synthesis
3. Protein synthesis
4. DNA repair
- 5.

Answer : DNA synthesis

- Question No. 47

'Kozak' is associated with:

**Options :**

1. Transcription
2. Translation
3. DNA replication
4. DNA repair
- 5.

Answer : Translation

- Question No. 48

Frame-shift mutation is caused by:

**Options :**

1. 2-amino purine
2. Aflatoxin
3. Acridine orange
4. None of these
- 5.

Answer : Acridine orange

- Question No. 49

GC  $\rightarrow$  TA transversion is caused by:

**Options :**

1. Aflatoxin
2. UV rays
3. Deamination
4. None of these
- 5.

Answer : Aflatoxin

- Question No. 50

XYZ system of hybrid seed production in wheat was proposed by:

**Options :**

1. Driscoll
2. Sears
3. Rilley
4. Ramage
- 5.

Answer : Driscoll

- Question No. 51

A Double top cross refers to:

**Options :**

1. Inbred  $\times$  inbred

2. Inbred × OPV
3. Single cross × inbred
4. Single cross × OPV
- 5.

Answer : Single cross × OPV

• Question No. 52

Development of embryo from antipodal cell is known as:

**Options :**

1. Apogamy
2. Adventive embryony
3. Apospory
4. Androgamy
- 5.

Answer : Apospory

• Question No. 53

Semigamy is found in:

**Options :**

1. Cotton
2. Sunflower
3. Crepis
4. None of these
- 5.

Answer : Cotton

• Question No. 54

Hybrid necrosis in wheat is governed by:

**Options :**

1. One dominant gene
2. Two complementary gene
3. Two inhibitory gene
4. Polygene
- 5.

Answer : Two complementary gene

- Question No. 55

The source of Xa-21 gene in rice is:

**Options :**

1. O. Sativa
2. O. Nivara
3. O. longistaminata
4. O. Minuta
- 5.

Answer : O. longistaminata

- Question No. 56

"Golden Rice" refers to the rice rich in:

**Options :**

1. B-carotene
2. Fe
3. Zn
4. Protein
- 5.

Answer : B-carotene

- Question No. 57

A breeding method which permit moderate inbreeding under moderate selection pressure is called:

**Options :**

1. Mass selection
2. Mass pedigree selection
3. Back cross
4. Pedigree selection
- 5.

Answer : Mass pedigree selection

- Question No. 58

Triple test cross is an extension of:

**Options :**

1. NCD I
2. NCD II
3. NCD III
4. None of these
- 5.

Answer : NCD III

- Question No. 59

'Opaque-2' mutant of maize has:

**Options :**

1. High lysine & high tryptophan

2. High lysine & low tryptophan
3. Low lysine & low tryptophan
4. Low lysine & High tryptophan
- 5.

Answer : High lysine & high tryptophan

- Question No. 60

'Double Zero' rapeseed mustard refers to:

**Options :**

1. Low erucic & low glucoeinolate
2. Low erucic & high glucosinolate
3. High erucic & low glucosinolate
4. High erucic & high glucosinolate
- 5.

Answer : Low erucic & low glucoeinolate

- Question No. 61

Calcium deficiency causes toxicity of:

**Options :**

1. Iron
2. Manganese
3. Boron
4. None of these
- 5.

Answer : Manganese

- Question No. 62

Blue chaff disease of oats is due to deficiency of:

**Options :**

1. Copper
2. Molybdenum
3. Boron
4. Manganese
- 5.

Answer : Molybdenum

- Question No. 63

Chlorine is associated to photosynthesis in production of:

**Options :**

1. Auxin
2. RNA
3. Oxygen
4. DNA
- 5.

Answer : Oxygen

- Question No. 64

Free floating fresh water fern is:

**Options :**

1. Anabaena
2. Azolla
3. Azospirillum
4. None of these
- 5.



Answer : Azolla

- Question No. 65

Border strip of irrigation is followed in:

**Options :**

1. Potato
2. Sugarcane
3. Mango
4. Wheat
- 5.

Answer : Wheat

- Question No. 66

The nutrient removed in maximum quantity by paddy crop is:

**Options :**

1. Nitrogen
2. Phosphorus
3. Potash
4. Zinc
- 5.

Answer : Nitrogen

- Question No. 67

Antagonism of Mn exists with:

**Options :**

1. Calcium

2. Boron
3. Iron
4. Copper
- 5.

Answer : Copper

- Question No. 68

Depression in efficiency of Rhizobium is due to:

**Options :**

1. Iron application
2. Phosphorus application
3. Potash application
4. Excessive nitrogen use
- 5.

Answer : Excessive nitrogen use

- Question No. 69

Purple pigmentation in Brassicas is due to:

**Options :**

1. Deficiency of Iron
2. Excessive nitrogen
3. Potassium deficiency
4. Phosphorus deficiency
- 5.

Answer : Phosphorus deficiency

- Question No. 70

Which herbicide is also a hormone:

**Options :**

1. Simazine
2. Isoproturon
3. 2, 4-D
4. Propazine
- 5.

Answer : 2, 4-D

- Question No. 71

Select the choice out of the given choices which gives the given words in the correct alphabetical order.

Nine, Noble, New, Nasal

**Options :**

1. Noble, New, Nasal, Nine
2. Nine, Noble, New, Nasal
3. Nasal, New, Nine, Noble
4. New, Nasal, Nine, Noble
- 5.

Answer : Nasal, New, Nine, Noble

- Question No. 72

In a certain code, COMPUTER is written as RFUVQNPC. How is **MEDICINE** written in the same code?

**Options :**

1. EOJDJEFM
2. EOJDEJFM
3. MFEJDJOE
4. MFEDJJOE

5.

Answer : EOJDJEFM

- Question No. 73

**In the following number series only one number is wrong. Find out the wrong number.**

18, 119, 708, 3534, 14136, 42405

**Options :**

1. 708
2. 14136
3. 119
4. 3534
- 5.

Answer : 3534

- Question No. 74

A child walks 25 feet towards North, turns right and walks 40 feet, turns right again and walks 45 feet. He then turns left and walks 20 feet. He turns left again walk 20 feet. Finally, he turns to his left to walk another 20 feet. In which direction is the child from his starting point?

**Options :**

1. East
2. West
3. North
4. South
- 5.

Answer : East

- Question No. 75

In a group of 36 persons, a total of 16 take cold drink while 9 take only cold drink not green coconut drink How many persons in this group take only green coconut drink but not cold drink. (Every person take drink either cold drink or green coconut or both):

Options :

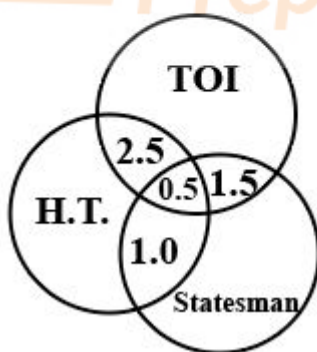
1. 27
2. 25
3. 20
4. 22
- 5.

Answer : 27

Direction:

The Venn diagram given shows the estimated readership of 3 daily newspapers (H.T, TOI & Statesman) in Delhi. The total readership and advertising cost for each of these papers is as below.

Newspaper	Readership (Lakhs)	Advertising cost (Rs per sq cm)
H.T.	8.7	6000
TOI	9.1	6500
Statesman	5.6	5000



The total population of the city is approximately 14 million. The common readership (in lakhs) indicated in the Venn diagram

- Question No. 76

The number of people (in lakhs) who read only one newspaper is:

**Options :**

1. 23.4
2. 17.4
3. 11.9
4. None of these
- 5.

Answer : 17.4

- Question No. 77

Five students participated in an examination and each scored different marks. Naina scored higher than Meena. Kamla scored lower than Praveen but higher than Naina. Anuj's score was between Meena and Naina. Which of the following pairs represents the highest and the lowest scores respectively?

**Options :**

1. Praveen, Naina
2. Naina, Praveen
3. Praveen, Anuj
4. Praveen, Meena
- 5.

Answer : Praveen, Meena

- Question No. 78

Match List-I with List-II

List-I	List-II
1. Jawahar Lal Nehru Port	A. Tamilnadu
2. Paradip Port	B. Maharashtra
3. Kandla Port	C. Odisha
4. Ennore Port	D. Gujarat

Options :

1. 1-D, 2-A, 3-B, 4-C
2. 1-B, 2-C, 3-D, 4-A
3. 1-D, 2-C, 3-B, 4-A
4. 1-B, 2-A, 3-D, 4-C
- 5.

Answer : 1-B, 2-C, 3-D, 4-A

- Question No. 79

Shigmo is one of the prominent festival of the:

Options :

1. Tamil Community
2. Santhali Community
3. Konkani Hindu Community
4. Muslim Community
- 5.

Answer : Tamil Community

- Question No. 80

The first battle of Tarain was fought between:

Options :

1. Mohammad Ghori and Prithvi Raj Chauhan
2. Akbar and Hemu
3. Mahmud of Ghazni and Prithvi Raj Chauhan
4. Akbar and Rana Pratap
- 5.

Answer : Mohammad Ghori and Prithvi Raj Chauhan

• Question No. 81

In case of reflection it is well known that when a mirror turned through an angle the reflected ray turns through:

**Options :**

1. Same angle
2. Twice the angle
3. Thrice the angle
4. Half the angle
- 5.

Answer : Same angle

• Question No. 82

Find the odd one out?

**Options :**

1. FIFA World Cup
2. Ryder Cup
3. Walker Cup
4. Solheim cup
- 5.

Answer : FIFA World Cup



- Question No. 83

When the branch of a tree is shaken violently, the leaves fall. This happening can be explained by:

**Options :**

1. Joules 1st law of motion
2. Newton's 1st law of motion
3. Joules 2nd law of motion
4. Newton's 3rd law of motion
- 5.

Answer : Joules 1st law of motion

- Question No. 84

As per the constitutional provisions, who has the absolute and ultimate powers regarding the passing of money bills:

**Options :**

1. The House of the people
2. The Council of States
3. The speaker of the House of the people
4. The Ex- officio Chairman of the Council of states
- 5.

Answer : The House of the people

- Question No. 85

Who amongst the following is not a Lawn Tennis Player

**Options :**

1. Rafel Nadal
2. Roger Federer

3. Tiger Woods
4. Serena Williams
- 5.

Answer : Rafel Nadal

• Question No. 86

Largest-Indian state in terms of area is:

**Options :**

1. Madhya Pradesh
2. Maharastra
3. Rajasthan
4. Karnataka
- 5.

Answer : Rajasthan

• Question No. 87

1 KB memory is:

- (a) 1000 bytes
- (b)  $2^{10}$  bytes
- (c)  $10^6$  bytes
- (d)  $10^2$  bytes

**Options :**

1. a
2. b
3. c
4. d



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5.

Answer : a

• Question No. 88

The request/reply protocol for exchanges on the internet network is called:

**Options :**

1. Hypertext Transfer Protocol
2. Hypertext Markup Language
3. International Protocol
4. URL (Uniform Resource Locator)
- 5.

Answer : Hypertext Transfer Protocol

• Question No. 89

If the perimeter of a certain rectangle is 76 and its area 360, then what is the length of its shortest side?

**Options :**

1. 12
2. 20
3. 36
4. 18
- 5.

Answer : 18

• Question No. 90

The present ratio of the ages of A and B is 4:5. 18 years ago, this ratio was 11:16. Find sum total of their present ages.

**Options :**

1. 90 years
2. 110 years
3. 105 years
4. 80 years
- 5.

Answer : 90 years

• Question No. 91

A man covers a distance of 1200 km in 70 days resting 9 hours a day. If he rests 10 hours a day and walks with speed  $1\frac{1}{2}$  times of the previous. In how many days will he cover 750 km?

Options :

1. 30
2.  $31\frac{1}{4}$
3. 31
4. None of these
- 5.

Answer :  $31\frac{1}{4}$

• Question No. 92

There are five boxes in a cargo hold. The weight of the first box is 200 kg and the weight of the second box is 20% higher than the weight of the third box, whose weight is 25% higher than the first box's weight. The fourth box at 350 kg is 30% lighter than the fifth box. Find the difference in the average weight of the four heaviest boxes and the four lightest boxes:

Options :

1. 51.5 kg
2. 75 kg
3. 37.5 kg
4. 112.5 kg

5.

Answer : 75 kg

• Question No. 93

The population of a village is 5500. If the number of males increases by 11% and the number of females increases by 20%, then the population becomes 6330. Find the population of females in the village?

**Options :**

1. 2500
2. 3000
3. 2000
4. 3500
- 5.

Answer : 2500

• Question No. 94

A farmer traveled a distance of 61 km in 9 hours. He traveled partly on foot at the rate of 4 km per hour and partly on bicycle at the rate of 9 km per hour. The distance travelled on foot is:

**Options :**

1. 17 km
2. 16 km
3. 15 km
4. 14 km
- 5.

Answer : 16 km

• Question No. 95

Identify the correct tense which has been used in this sentence.

By the end of this year he will have saved a lot of money.

**Options :**

1. Future continuous tense
2. Future perfect tense
3. Future perfect continuous tense
4. Simple future tense
- 5.

Answer : Future perfect tense

- Question No. 96

**Fill in the blanks.**

In a classroom students are to be trained to love \_\_\_\_\_.

**Options :**

1. Each other
2. All others
3. One another
4. Altogether
- 5.

Answer : Each other

- Question No. 97

Given below are the four spellings of the same word. Choose the correct one.

**Options :**

1. Anonymouse
2. Anonemous
3. Anonymous
4. Annonymous

5.

Answer : Anonymous

• Question No. 98

**In the following question, fill in the blank by selecting a choice which is in keeping with good English usage.**

The friend writes faster \_\_\_\_\_.

**Options :**

1. Than me
2. Than myself
3. Than I
4. Than self
- 5.

Answer : Than me

• Question No. 99

In the following question pick the wrong spelt word.

**Options :**

1. Abnormity
2. Aberration
3. Abstant
4. Abstention
- 5.

Answer : Abnormity

• Question No. 100

Choose the word that is nearest in meaning to the capitalised word.

ABASE:

**Options :**

1. Humiliate or degrade oneself
2. Uncouth
3. Baseless
4. Forceful
- 5.

Answer : Humiliate or degrade oneself

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