

• Question No. 1

Which one of the following districts of Uttar Pradesh meets the border with Uttarakhand, Haryana and Himachal Pradesh?

Options :

1. Meerut
2. Sonbhadra
3. Saharanpur
4. Muzaffarnagar
- 5.

Answer : Saharanpur

• Question No. 2

The number of audience in a museum is 510 on Sunday and 240 on all other days. If the month is of 30 days and the first day of the month is Sunday, then what is the average number of audience in that month?

Options :

1. 250
2. 276
3. 280
4. 285
- 5.

Answer : 285

• Question No. 3

Which of the following is NOT an agent of soil erosion?

Options :

1. Wind
2. Water
3. Desertification
4. Deforestation
- 5.

Answer : Desertification

• Question No. 4

During the year 2020-21, India registered the highest increase in agricultural exports to which one of the following countries?

Options :

1. Indonesia
2. Japan
3. France
4. Australia
- 5.

Answer : Indonesia

• Question No. 5

Which one of the following districts in Uttar Pradesh has been selected for wooden toys making under the scheme of 'One District One Product'?

Options :

1. Chitrakoot
2. Banda
3. Varanasi
4. Saharanpur
- 5.

Answer : Chitrakoot

- Question No. 6

Cricketer Suresh Raina's autobiography was published in the year 2021 by which of the following names?

Options :

1. The Last Over
2. 22 yards
3. Third Umpire
4. Believe
- 5.

Answer : Believe

- Question No. 7

Find the missing number from the given sequence:

$$\frac{2}{3}, \frac{4}{7}, \dots, \frac{11}{21}, \frac{16}{31}$$

Options :

1. 6/11
2. 5/9
3. 9/17
4. 7/13
- 5.

Answer : 7/13

- Question No. 8

Which one of the following is NOT correctly matched ?

State	Founder
(a) Rohilkhand	Saadat Khan
(b) Awadh	Burhan-ul-Mulk
(c) Hyderabad	Chin Klich Khan
(d) Bengal	Murshid Quli Khan

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : a

• Question No.9

Successive discount of a% and b% are equivalent to a discount of

Options :

1. $(a + b)\%$
2. $(a+b/2)\%$
3. $(a+b - ab/100)\%$
4. $\sqrt{ab}\%$
- 5.

Answer : $(a + b)\%$

• Question No. 10

In which district of Uttar Pradesh is the Modern Coach Factory established?

Options :

1. Meerut

2. Rampur
3. Raebareli
4. Amethi
- 5.

Answer : Raebareli

- Question No. 11

Which one of the following is NOT correctly matched?

District of U.P.	Headquarter
(a) Ambedkar Nagar	Akbarpur
(b) Kanpur Dehat	Bidhuna
(c) Sant Kabir Nagar	Khalilabad
(d) Amethi	Gauriganj

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : b

- Question No. 12

Which one of the following is an example of non-celluloid fibre ?

Options :

1. Jute
2. Rayon
3. Nylon
4. Linen

5.

Answer : Nylon

• Question No. 13

One yard is 91% of a metre. What percent is one metre of one yard?

Options :

1. 109%
2. 109.9%
3. 100%
4. 91%
- 5.

Answer : 109.9%

• Question No. 14

Which one of the following movies won the award for the best feature film in the 67th National Film Awards 2021?

Options :

1. Dhanush
2. The Tashkent Files
3. Marakkar: Lion of the Arabian Sea
4. Jallikattu
- 5.

Answer : Marakkar: Lion of the Arabian Sea

• Question No. 15

If the sum of two numbers is 3 and sum of their squares is 12, then their product is equal to

Options :

1. 3/2
2. 2/3
3. -3/2
4. -2/3
- 5.

Answer : -3/2

• Question No. 16

Who among the following started 'Indian Social Reformer in 1890?

Options :

1. I.C. Vidyasagar
2. K. Viresalingam
3. M.G. Ranade
4. K.N. Natrajan
- 5.

Answer : K.N. Natrajan

• Question No. 17

One hundredth Amendment of Indian Constitution is related to

Options :

1. GST
2. Land Boundary Agreement with Bangladesh
3. Reservation on Economic Basis
4. National Commission for Backward Classes
- 5.

Answer : Land Boundary Agreement with Bangladesh

- Question No. 18

What name is given by the World Health Organization to the United Kingdom variant of Corona virus?

Options :

1. Alpha
2. Beta
3. Gamma
4. Nolta
- 5.

Answer : Alpha

- Question No. 19

The number of seats reserved for Members of the Anglo-Indian Community in the Lok Sabha is

Options :

1. Zero
2. Two
3. One
4. Three
- 5.

Answer : Two

- Question No. 20

Rocket works on the principle of which one of the following?

Options :

1. Energy conservation
2. Momentum conservation
3. Avogadro's hypothesis

4. Bernoulli theorem

5.

Answer : Momentum conservation

• Question No. 21

Which one of the following lakes is shared by two Indian States?

Options :

1. Chilka

2. Pulicat

3. Lonar

4. Sambhar

5.

Answer : Pulicat

• Question No. 22

Where is the Headquarter of National Environmental Engineering Research Institute situated?

Options :

1. Bhopal

2. Jaipur

3. Nagpur

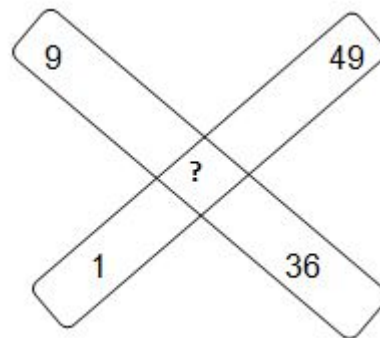
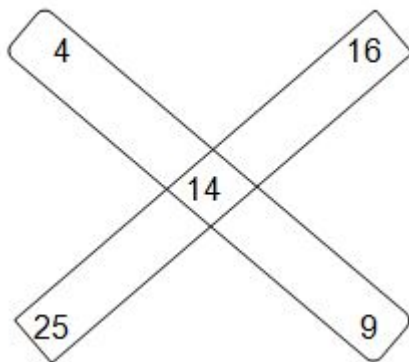
4. Mysore

5.

Answer : Nagpur

• Question No. 23

The missing number in the given figures is



Options :

1. 17
2. 15
3. 18
4. 25
- 5.

Answer : 17

- Question No. 24

Which one of the following is NOT a part of the/ seven pillars of NITI Ayog?

Options :

1. Pro-people
2. Participation
3. Empowering
4. Job creation
- 5.

Answer : Job creation

- Question No. 25

Where is the National Bureau of Agriculturally important Micro-organism situated in Uttar Pradesh?

Options :

1. Sitapur
2. Ghaziabad
3. Varanasi
4. Mau
- 5.

Answer : Mau

• Question No. 26

Where was the First Nuclear Power Plant of India established in India?

Options :

1. Kalapakkam
2. Rawatbhata
3. Narora
4. Tarapur
- 5.

Answer : Tarapur

• Question No. 27

What is the name of China's first Mars rover ?

Options :

1. Gaofen
2. Yaogan
3. Ziyuan
4. Zhurong
- 5.

Answer : Zhurong

• Question No. 28

If A is to the South of B and C is to the East of B. In what direction is A with respect to C?

Options :

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

Answer : South-West

• Question No. 29

Match List-I with List-II and select the correct answer using the codes given below the lists.

List-I	List-II
A. Suresh Tendulkar	1. BPL Census in Urban Areas
B. N.C. Saxena	2. Poverty Line Estimation 2005
C. Amartya Sen	3. BPL Census in Rural Areas
D. S.R. Hashim	4. Capability Approach on Poverty

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

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : a

• Question No. 30

Production of Oranges is highest in which of the following districts of Uttar Pradesh?

Options :

1. Unnao
2. Gorde
3. Saharanpur
4. Balrampur
- 5.

Answer : Saharanpur

- Question No. 31

Italy launched its first 'Food Mega Park' in India in June 2021 at which one of the following places?

Options :

1. Jaipur (Rajasthan)
2. Fanidhar (Gujarat)
3. Ludhiana (Punjab)
4. Kochi (Kerala)
- 5.

Answer : Fanidhar (Gujarat)

- Question No. 32

Which of the following toll-free number is allocated for 'Kisan Call Centers' ?

Options :

1. 1800-180-1551
2. 1800-180-1503
3. 1800-180-1235
4. 1800-180-1253
- 5.

Answer : 1800-180-1551

- Question No. 33

Which among the following will be the shape of the pyramid of number in a parasitic food chain?

Options :

1. Circular
2. Rectangular
3. Upright
4. Inverted
- 5.

Answer : Inverted

- Question No. 34

Which one of the following is NOT an insect?

Options :

1. Spider
2. Butterfly
3. Cockroach
4. Musquito
- 5.

Answer : Spider

- Question No. 35

With reference to the period of Mahajanapadas referred to in Buddhist literature, which one of the following dynasty ruled Avanti ?

Options :

1. Ikshvaku
2. Haryanka
3. Paurava
4. Pradyots
- 5.

Answer : Pradyots

• Question No. 36

'Milk Fever' disease in cows and buffaloes is caused due to

Options :

1. Protein deficiency
2. Calcium deficiency
3. Vitamins deficiency
4. None of the above
- 5.

Answer : Calcium deficiency

• Question No. 37

Which one of the following States of India has maximum area of saline soil?

Options :

1. Uttar Pradesh
2. Rajasthan
3. West Bengal
4. None of the above
- 5.

Answer : Rajasthan

• Question No. 38

Novak Djokovic and Stefanos Tsitsipas, the two players who played in the finals of the men's singles at the French Open Tennis Tournament 2021 are from which two countries, respectively?

Options :

1. Serbia and Greece
2. Croatia and Greece
3. Serbia and Spain
4. Greece and Spain
- 5.

Answer : Serbia and Greece

• Question No. 39

A man sells a car to his friend at a loss of 10%. If his friend sells the same car for ₹ 54,000 and gets 20% profit on it. What is the actual price of the car?

Options :

1. ₹ 48,000
2. ₹ 50,000
3. ₹ 73,500
4. ₹ 60,000
- 5.

Answer : ₹ 50,000

• Question No. 40

Gini coefficient is associated with which of the following measurements in an economy?

Options :

1. Rate of inflation

2. Poverty index
3. Income inequality
4. Personal income
- 5.

Answer : Income inequality

- Question No. 41

Fruit fly lays eggs under the skin of _____ fruit.

Options :

1. Okra
2. Brinjal
3. Potato
4. Tomato
- 5.

Answer : Tomato

- Question No. 42

Match List-I with List-II and select the correct answer using the codes given below the lists.


Prepare **50%** Faster

List-I (Organization)	List-II (Year)
A. Directorate of Marketing and Inspection	1. 1963
B. Food Corporation of India	2. 1965
C. International Organisation for Standardization	3. 1935
D. Codex Alimentarium Commission	4. 1947

Codes:

	A	B	C	D
(a)	3	2	4	1
(b)	1	2	3	4
(c)	4	3	1	2
(d)	3	2	1	4

Options :

1. c
2. b
3. a
4. d
- 5.

Answer : a

- Question No. 43

According to soil taxonomy medium black soils are grouped in _____ order.

Options :

1. Alfisols
2. Entisols
3. Vertisols
4. Oxisols

5.

Answer : Vertisols

- Question No. 44

Which of the following is NOT correctly matched?

Name of insect	Order
(a) House fly	Coleoptera
(b) Fruit fly	Diptera
(c) Mustard saw fly	Hymenoptera
(d) Dragon fly	Odonata

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : a

- Question No. 45

Match List-I with List-II and select the correct answer using the codes given below.

List-I (Plant's name)	List-II (Flower colour)
A. Adonis	1. Yellow
B. Aster	2. Blue
C. Liliium	3. Purple
D. Alstroemeria margaret	4. Red

Codes:

	A	B	C	D
(a)	1	2	3	4
(b)	3	4	1	2
(c)	2	1	3	4
(d)	4	3	2	1

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : d

- Question No. 46

The oxidation of xanthine is catalyzed by xanthine dehydrogenase contains _____ element

Options :

1. Zinc
2. Manganese
3. Boron
4. Molybdenum

5.

Answer : Molybdenum

• Question No. 47

Among the following liming materials, _____ has highest neutralizing value.

Options :

1. Basic slag
2. Dolomite
3. Calcium hydroxide
4. Calcium oxide
- 5.

Answer : Calcium oxide

• Question No. 48

Consider the following statements.

Assertion (A): Phosphorous availability is poor in acid soils.

Reason (R): Phosphorous is leached from acidic soils.

Options :

1. (A) is true but (R) is wrong
2. (R) is true but (A) is wrong
3. Both (A) and (R) are true
4. Both (A) and (R) are false
- 5.

Answer : (A) is true but (R) is wrong

• Question No. 49

Match the following extension schemes with starting year.

Name of Scheme	Year
A. Integrated Rural Development Programme	I. 1980
B. Jawahar Rozgar Yojna	II. 1989
C. National Rural Employment Guarantee Act	III. 2005
D. Employment Assurance Scheme	IV. 1993

Codes:

	A	B	C	D
(a)	III	II	IV	I
(b)	II	III	IV	I
(c)	I	II	III	IV
(d)	IV	III	II	I

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : c

- Question No. 50

Consider the following pairs:

Class of seed	Colour of tag
1. Breeder seed	Golden yellow
2. Foundation seed	White
3. Certified seed	Purple
4. T. L. seed	Blue

Which of the above pairs are correctly matched?

Options :

1. 1 and 2
2. 1 and 3
3. 1 and 4
4. 1, 2, 3 and 4
- 5.

Answer : 1 and 2

- Question No. 51

Match List-I with List-II and select the correct answer using the codes given below.

List-I	List-II
A. Indicator crop	1. Berseem
B. Silage crop	2. Sunflower
C. Avenue crop	3. Pigeonpea
D. Ware crop	4. Potato

Codes:

	A	B	C	D
(a)	1	2	3	4
(b)	2	1	3	4
(c)	4	3	2	1
(d)	3	4	2	1

Options :

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

5.

Answer : b

- Question No. 52

Roguing is performed to

Options :

1. Control disease in plants
2. Control of weeds in crops
3. Removal of plants other than the desired plants
4. None of the above
- 5.

Answer : Removal of plants other than the desired plants

- Question No. 53

Marginal utility of money can NOT be

1. Positive

2. Negative

3. Zero

Which of above is/are correct?

Options :

1. Only 1
2. Only 2
3. Only 2 and 3
4. Only 1 and 2
- 5.

Answer : Only 2

- Question No. 54

Molya disease of wheat is caused by _____ nematode.

Options :

1. Anguina tritici
2. Heterodera avenae
3. Root rot nematode
4. Heterodera corotae
- 5.

Answer : Heterodera avenae

- Question No. 55

What is the irrigation efficiency in check and basin flooding method of irrigation?

Options :

1. 60-65%
2. 50-55%
3. 40-45%
4. 10%
- 5.

Answer : 60-65%

- Question No. 56

Which one of the soil component has highest CEC?

Options :

1. Kaolinite
2. Montmorillonite
3. Organic matter

4. Vermiculite

5.

Answer : Organic matter

- Question No. 57

Which of the following is NOT correctly matched?

Crop	Disease
(a) Potato	Late blight
(b) Brinjal	Red rot
(c) Tomato	Early blight
(d) Okra	Yellow vein mosaic

Codes:

	A	B	C	D
(a)	3	1	4	2
(b)	2	4	1	3
(c)	2	1	4	3
(d)	2	3	4	1

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : b

- Question No. 58

Match List-I with List -II and select the correct answer using the codes given below the lists.

List-I (Soil Condition)	List-II (Energy level)
A. Field capacity	1. 0.33 to 15 bars
B. PWP	2. 0.33 bars
C. Available water	3. 50 bars
D. Hygroscopic water	4. 15 bars

Codes:

	A	B	C	D
(a)	3	1	4	2
(b)	2	4	1	3
(c)	2	1	4	3
(d)	2	3	4	1

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : b

- Question No. 59

Which of the following preservative is used for coloured juices?

Options :

1. Sodium benzoate
2. Potassium metabisulphite
3. Vinegar
4. Potassium benzoate

5.

Answer : Sodium benzoate

- Question No. 60

Match List-I with List-II and select the correct answer using the codes given below the lists.

List-I (Gene Action)	List-II (Ratio)
A. Duplicate	1. 9:3:4
B. Inhibitory	2. 13:3
C. Complementary	3. 15:1
D. Supplementary	4. 9:7

Codes:

	A	B	C	D
(a)	3	1	2	4
(b)	1	3	4	2
(c)	4	3	2	1
(d)	3	2	4	1

Options :

1. c
2. b
3. d
4. a
- 5.

Answer : d

- Question No. 61

Which of the following is NOT correctly matched?

Crop	Minimum isolation distance (m) for certified seed
(a) Wheat	3
(b) Cotton	50
(c) Tomato	25
(d) Cauliflower	1000

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : d

- Question No. 62

The following operations are practiced in the cultivation of tobacco

1. Priming

2. Topping

3. Desuckering

The correct sequence of these operations in the field is

Options :

1. 2, 3, 1
2. 3, 2, 1
3. 2, 1, 3
4. 3, 1, 2
- 5.

Answer : 2, 3, 1

- Question No. 63

Match List-I with List-II and select the correct answer using the codes given below the lists.

List-I (Herbicide Group)	List-II (Major Process affected by herbicides)
A. Triazines	1. Photosynthesis
B. Bipyrilium	2. Nucleic acid and protein synthesis
C. Carbamates	3. Membrane function
D. Sulfonyl ureas	4. Cell division

Codes:

	A	B	C	D
(a)	1	3	2	4
(b)	1	3	4	2
(c)	2	4	3	1
(d)	3	1	2	4

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : a

- Question No. 64

Grassy Shoot disease of sugarcane is caused by

Options :

1. Fungi

2. Bacteria
3. Mycoplasma
4. Virus
- 5.

Answer : Mycoplasma

- Question No. 65

Which one of the following is a double cross hybrid variety of Mango?

Options :

1. Sindhu
2. Alphonso
3. Neelam
4. Arka Suprabhat (H-14)
- 5.

Answer : Arka Suprabhat (H-14)

- Question No. 66

Vertical section of soil is called as

Options :

1. Soil profile
2. Soil column
3. Soil horizon
4. Regolith
- 5.

Answer : Soil profile

- Question No. 67

Consider the following statements. In paddy crop, fertilizer application should be directed to the

1. Oxidised zone
2. Reduced zone
3. Surface

Options :

1. Only 1 is correct
2. Only 2 is correct
3. 2 and 3 are correct
4. 1 and 3 are correct
- 5.

Answer : Only 2 is correct

- Question No. 68

Match List-I with List-II and select the correct answer using the codes given below the lists.

List-I (Fruit)	List-II (Variety)
A. Aonla	1. Hari chhal
B. Banana	2. Hathi jhool
C. Chiku	3. Kheera
D. Ber	4. Banglore

Codes:

- | | A | B | C | D |
|-----|---|---|---|---|
| (a) | 1 | 2 | 3 | 4 |
| (b) | 2 | 1 | 3 | 4 |
| (c) | 1 | 2 | 4 | 3 |
| (d) | 2 | 1 | 4 | 3 |

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : d

- Question No. 69

Match the List-I with List-II and select the correct answer from the codes given below the lists.

List-I (Term/Theory)	List-II (Name of Scientist)
A. Genetics	1. Bateson, W
B. Theory of inheritance	2. G. Mendel
C. Mutation	3. Hugo de Viries
D. Genes in the chromosomes	4. Morgan

Codes:

	A	B	C	D
(a)	1	2	3	4
(b)	4	3	2	1
(c)	2	4	1	3
(d)	3	1	4	2

Options :

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

5.

Answer : c

• Question No. 70

Consider the following statements:

1. Maize is C₃ plant.
2. Kranz anatomy present in C₃ plant.
3. Photorespiration does not occur in C₃ plants.

Which of the statements given above is/are correct?

Options :

1. 1 only
2. 1 and 3 only
3. 2 and 3 only
4. 1 and 2 only
- 5.

Answer : 1 and 2 only

• Question No. 71

The rate expressed as the depth in cm of water out from a given area in 24 hrs. is called as

Options :

1. Run off coefficient
2. Irrigation coefficient
3. Drainage coefficient
4. Crop coefficient
- 5.

Answer : Drainage coefficient

- Question No. 72

Galleria mellonella is a insect pest of

Options :

1. Silk worm
2. Honey bee
3. Lac insect
4. Cotton crop
- 5.

Answer : Honey bee

- Question No. 73

At pH 9.0 of alkali soil, the concentration of OH^- is

Options :

1. 10^{-1} mole/litre
2. 10^{-2} mole/litre
3. 10^{-3} mole/litre
4. 10^{-4} mole/litre
- 5.

Answer : 10^{-2} mole/litre

- Question No. 74

Match List-I with List-II and select the correct answer using the codes given below the lists.

List-I (Plants)	List-II (Propagation Method)
A. Grape	1. Runner
B. Banana	2. Soft wood cutting
C. Tea	3. Hard wood cutting
D. Strawberry	4. Sword sucker

Codes:

	A	B	C	D
(a)	3	2	4	4
(b)	3	4	2	1
(c)	3	1	4	2
(d)	4	3	1	2

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : b

- Question No. 75

Male sterility is used for hybrid seed production in many crops because

Options :

1. It enhances heterosis
2. It increases yield
3. It is a means of genetic emasculation
4. It helps in acclimatization
- 5.

Answer : It is a means of genetic emasculation

- Question No. 76

Baby corn is harvested at the stage of

Options :

1. 2-3 days after silking
2. 2-3 days after tasseling
3. Milk stage
4. R₁ stage
- 5.

Answer : 2-3 days after silking

- Question No. 77

Which of the following is NOT a Kharif season weed?

Options :

1. Chenopodium album
2. Amaranthus viridis
3. Echinochloa colonum
4. Commelina benghalensis
- 5.

Answer : Chenopodium album

- Question No. 78

With reference to farm planning and optimum resource use consider the following:

1. Monopolistic Competition
2. Perfect Competition

3. Oligogoly

4. Monopoly

What is the correct arrangement of these market as per the number of seller in ascending order?

Options :

1. 3, 4, 2 and 1
2. 4, 3, 1 and 2
3. 2, 3, 4 and 1
4. 1, 2, 3 and 4
- 5.

Answer : 4, 3, 1 and 2

• Question No. 79

Match List-I with List-II and select the correct answer using the codes given below.

List-I (Disease)	List-II (Control)
A. Loose smut of wheat	1. Sulphex
B. Powdery mildew of pea	2. Zinc sulphate
C. Damping off in Vegetables	3. Vita vax
D. Khaira disease	4. Soil solarisation

Codes:

- | | | | | |
|-----|---|---|---|---|
| (a) | A | B | C | D |
| (b) | 3 | 1 | 2 | 4 |
| (c) | 1 | 2 | 3 | 4 |
| (d) | 3 | 1 | 4 | 2 |

Options :

1. a

2. b

3. c

4. d

5.

Answer : d

- Question No. 80

ATIC is component of

Options :

1. □□□□

2. □□□□

3. I.R.D.P.

4. I.A.A.P.

5.

Answer : □□□□

- Question No. 81

The most young alluvial soils are locally called as

Options :

1. Bhangar

2. Khadar

3. (a) and (b) both

4. None of the above

5.

Answer : Khadar

- Question No. 82

Litchi plants are commercially multiplied by

Options :

1. Seeds
2. Budding
3. Air layering
4. Veneer grafting
- 5.

Answer : Air layering

- Question No. 83

Which of the following is simple and ecofriendly technique of hybrid seed production?

Options :

1. Genetic male sterility
2. Transgenic male sterility
3. Temperature sensitive genetic male sterility
4. Chemically induced male sterility
- 5.

Answer : Genetic male sterility

- Question No. 84

With reference to crop rotation which of the following statement(s) is/are correct?

1. Legume must be followed by a non-legume.
2. Deep rooted crops should be followed by the same type of crop.

Select the correct answer using the codes given below.

Options :

1. 1 only
2. 2 only
3. Both 1 and 2
4. Neither 1 nor 2
- 5.

Answer : 1 only

- Question No. 85

National Centre for Integrated Pest Management is situated at

Options :

1. Dehradun
2. Lucknow
3. Pant Nagar
4. None of these
- 5.

Answer : None of these

- Question No. 86

Most damaging form of soil erosion is

Options :

1. Rill erosion
2. Splash erosion
3. Sheet erosion
4. Waterfall erosion
- 5.

Answer : Rill erosion

- Question No. 87

Minimum Support Price (MSP) is fixed on the basis of

Options :

1. Average cost of production
2. Equal to average cost
3. Marginal cost of production
4. Total cost of production
- 5.

Answer : Total cost of production

- Question No. 88

Bolting is related to _____ crop.

Options :

1. Sugarcane
2. Mustard
3. Sugarbeet
4. Barley
- 5.

Answer : Sugarbeet

- Question No. 89

Match List-I with List-II and select the correct answer using the codes given below the lists.

List-I (Types of test)	List-II (Usage)
A. 'Z' test	1. Test of homogeneity
B. Chi-square	2. To test proportion and variance
C. 'F' test	3. Small sample
D. Student 't' test	4. Large sample

Codes:

	A	B	C	D
(a)	4	1	2	3
(b)	3	4	2	1
(c)	4	2	1	3
(d)	3	2	4	1

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : a

• Question No. 90

Arrange the following activities of plant breeding in correct order and select answer from the codes given below:

1. Selection
2. Evaluation
3. Creation of variation
4. Distribution

5. Multiplication

Options :

1. 3, 2, 1, 5, 4
2. 1, 2, 3, 4, 5
3. 2, 1, 3, 5, 4
4. 3, 1, 2, 5, 4
- 5.

Answer : 3, 1, 2, 5, 4

- Question No. 91

Which of the following is NOT the part of principle of cooperation?

Options :

1. Principle of Open and Voluntary Association
2. Principle of Democratic Organisation
3. Farmer's Service Societies
4. Principle of Services
- 5.

Answer : Farmer's Service Societies

- Question No. 92

H.A.N.P. V. is used for the biological control of

Options :

1. Aphid
2. Gram pod borer
3. Jassid
4. Rice stem borer
- 5.

Answer : Gram pod borer

- Question No. 93

Which of the following pair is NOT correctly matched?

Name of Institute	Place
(a) N.C.I.P.M.	New Delhi
(b) N.B.A.I.R.	Coimbatore
(c) D.P.P.Q.S.	Faridabad
(d) N.I.P.H.M.	Hyderabad

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : b

- Question No. 94

Which one of the following is NOT correctly matched?

Name of disease	Related Crop
(a) Charcoal rot	Sugarcane
(b) Black rust	Barley
(c) Bacterial leaf blight	Paddy
(d) Sterility	Pigeon pea

Options :

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

5.

Answer : a

• Question No. 95

In the process of communication which of the following is audio aid?

Options :

1. Puppet show
2. Slides show
3. Drama
4. Public Address System
- 5.

Answer : Public Address System

• Question No. 96

What is Nutriponics?

Options :

1. Cultivation in soil
2. Cultivation in water
3. Cultivation in nutrients
4. None of these
- 5.

Answer : Cultivation in nutrients

• Question No. 97

'Sindhu' variety of mango is a cross of

Options :

1. Ratna × Alphanso
2. Dasherī × Ratna
3. Neelam × Dasherī
4. Alphanso × Ratna
- 5.

Answer : Ratna × Alphanso

• Question No. 98

Two statements are given below, one labelled as Assertion (A) and other as Reason (R).

Assertion (A): Insect resistant transgenic cotton varieties has been produced by transferring the cry gene.

Reason (R): The cry gene is derived from bacterium.

Choose the correct answer from the codes given below.

Options :

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 (H) is true
- 5.

Answer : Both (A) and (R) are true and (R) is the correct explanation of (A)

• Question No. 99

Match List-I with List-II and select the correct answer using the codes given below the list.

List-I (Fungal Genus)	List-II (Fructing bodies)
A. Fusarium sp.	1. Pycnidium
B. Collectotrichum sp.	2. Apothecia
C. Sclerotinia sp.	3. Acervulus
D. Phoma sp.	4. Sporodochium

Codes:

	A	B	C	D
(a)	4	2	1	3
(b)	4	3	2	1
(c)	4	1	3	2
(d)	3	4	2	1

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : b

- Question No. 100

Micro water shed has an area of

Options :

1. Less than 400 hectare
2. Less than 500 hectares
3. Less than 600 hectares
4. Less than 700 hectares

5.

Answer : Less than 500 hectares

• Question No. 101

Which of the following is known as 'nano nutrient'?

Options :

1. Boron
2. Molybdenum
3. Zinc
4. Iron
- 5.

Answer : Molybdenum

• Question No. 102

Flame photometer is used in the determination of

Options :

1. Nitrogen
2. Phosphorous
3. Potassium
4. Boron
- 5.

Answer : Potassium

• Question No. 103

Central Institute of Arid Horticulture was located at

Options :

1. Jodhpur
2. Jaipur
3. Bikaner
4. Lucknow
- 5.

Answer : Bikaner

- Question No. 104

The Central AGMARK Lab is located at

Options :

1. New Delhi
2. Hyderabad
3. Nagpur
4. Bhopal
- 5.

Answer : Nagpur

- Question No. 105

Anaerobic respiration is called as

Options :

1. Intracellular respiration
2. Molecular respiration
3. Extra molecular respiration
4. Intramolecular respiration
- 5.

Answer : Intramolecular respiration

- Question No. 106

Beneficial bacteria for fruit preservation industries is

Options :

1. Clostridium botulinum
2. Bacterium aceti
3. Clostridium sporogenes
4. Clostridium pasteurianum
- 5.

Answer : Bacterium aceti

- Question No. 107

Match List-I with List-II and select the correct answer using the codes given below the lists.

List-I (Chemicals)	List-II (Function)
A. Calcium chloride	1. Seed germination
B. 2, 3, 5 triphenyl tetrazolium chloride	2. Seed dormancy
C. Thiourea	3. Seed viability
D. Indole acetic acid	4. Seed longevity

Codes:

	A	B	C	D
(a)	4	3	1	2
(b)	1	2	3	4
(c)	4	3	2	1
(d)	1	2	4	3

Options :

1. a

2. b

3. c

4. d

5.

Answer : c

- Question No. 108

Which weedicide is used to kill broad leaf weeds in legumes ?

Options :

1. MCPA

2. 2,4-D

3. MCPB

4. 2,4,5-T

5.

Answer : MCPB

- Question No. 109

Which soil has highest water use efficiency?

Options :

1. Sandy soil

2. Clay soil

3. Loamy soil

4. None of the above

5.

Answer : Loamy soil

- Question No. 110

_____ has propounded that "output is a function of labour and capital".

Options :

1. Cobb-Douglas
2. John Fei and Gustav Ranis
3. Lewis
4. Kaldor
- 5.

Answer : Cobb-Douglas

- Question No. 111

Which of the following is NOT correctly matched?

Crop	Insect/Pest
(a) Chick pea	Pod borer
(b) Sugarcane	Brown plant hopper
(c) Onion	Thrips
(d) Paddy	Stem borer

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : b

- Question No. 112

Which method of breeding is NOT appropriate for cross pollinated crops?

Options :

1. Mass selection
2. Back cross method
3. Heterosis breeding
4. Recurrent selection
- 5.

Answer : Mass selection

- Question No. 113

Match List-I with List-II and select the correct - answer using the codes given below the lists.

List-I (Crop)	List II (Centre of Origin)
A. Bottle Gourd	1. South America
B. Okra	2. Indo-China
C. Cauliflower	3. Africa
D. Amaranthus	4. Mediterranean region

Codes:

	A	B	C	D
(a)	2	3	1	4
(b)	4	1	3	2
(c)	3	1	2	4
(d)	2	3	4	1

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : b

- Question No. 114

Which material contain maximum amount of sulphur?

Options :

1. Ammonium sulphate
2. Potassium sulphate
3. Single super phosphate
4. Gypsum
- 5.

Answer : Ammonium sulphate

- Question No. 115

Riceyness is physiological disorder related to _____ crop.

Options :

1. Chilli
2. Cauliflower
3. Brinjal
4. Tomato
- 5.

Answer : Cauliflower

- Question No. 116

Match List-I with List-II and select the correct answer using the codes given below the lists.

List-I (Type of Product)	List II (Example)
A. Complementary	1. Wheat and Barley
B. Competitive	2. Wheat and Dairy
C. Supplementary	3. Wheat grain and Straw
D. Joint	4. Wheat and Poultry

Codes:

	A	B	C	D
(a)	1	4	3	2
(b)	2	4	1	3
(c)	3	2	1	4
(d)	2	1	4	3

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : a

- Question No. 117


Match the following with correct answer by using the codes given below.

(Product)	(Protein)
A. Egg	I. Casein
B. Milk	II. Kerotin
C. Meat	III. Myosin
D. Wool	IV. Albumen

Codes:

	A	B	C	D
(a)	IV	III	II	I
(b)	III	II	IV	I
(c)	I	II	III	IV
(d)	IV	I	III	II

Options :

1. a
2. b
3. c
4. d
5.  Prepare **50%** Faster

Answer : d

- Question No. 118

Match List-I with List-II and select the correct answer using the codes given below the lists.

List-I (Condition)	List -II (Example)
A. Floating aquatic weed	1. Eichhornia
B. Emergent aquatic weed	2. Typha
C. Marginal aquatic weed	3. Rumex sp.
D. Absolute weed	4. Scirpus

Codes:

- | | A | B | C | D |
|-----|---|---|---|---|
| (a) | 1 | 2 | 3 | 4 |
| (b) | 4 | 3 | 2 | 1 |
| (c) | 1 | 2 | 4 | 3 |
| (d) | 2 | 1 | 3 | 4 |

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : a

- Question No. 119

Which of the following are damaging stage of Aphid?

Options :

1. Adult
2. Nymph
3. Adult and nymph
4. None of these

5.

Answer : Adult and nymph

- Question No. 120

Which is an illustration of relay cropping?

Options :

1. Paddy - Wheat
2. Soyabean - Wheat
3. Maize-Toria - Wheat
4. Maize - Potato - Wheat – Moong
- 5.

Answer : Maize - Potato - Wheat – Moong

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