

• Question No.1

Vivipary is:

**Options :**

1. Seed germination with subterranean cotyledons
2. Seed germination with epiterranean cotyledons
3. Fruit development without pollination
4. seed germination inside the fruit while its attached to the plant
- 5.

Answer : seed germination inside the fruit while its attached to the plant

• Question No.2

Which one among the following is used as a pulse, fodder and green manure crop?

**Options :**

1. Green gram
2. Black gram
3. Pea
4. Cowpea
- 5.

Answer : Cowpea

• Question No.3

Which of the following causes Black scurf of potato ?

**Options :**

1. Sclerotium rolfsii
2. Rhizoctonia solani

3. Ralstonia
4. Phytophthora infestans
- 5.

Answer : Rhizoctonia solani

• Question No. 4

Which state is highest producer of fenugreek in India?

**Options :**

1. Rajasthan
2. Chattisgarh
3. Maharashtra
4. Karnataka
- 5.

Answer : Rajasthan

• Question No. 5

Flowering in sugarcane is called \_\_\_\_\_.

**Options :**

1. Arrowing
2. Sprouting
3. Tillering
4. spike
- 5.

Answer : Arrowing

• Question No. 6

Scientific name of sunflower is :

**Options :**

1. Helianthus annuus
2. Carthamus tinctorious
3. Sesamum indicum
4. Nyctanthes sambac
- 5.

Answer : Helianthus annuus

• Question No. 7

Which of the following soil type is most suitable for the cultivation of cereals?

**Options :**

1. Alluvial soils
2. Red soils
3. Laterite soils
4. All of the above
- 5.

Answer : Alluvial soils

• Question No. 8

The study of soil constitutes an independent branch of science known as:

**Options :**

1. Pedology
2. Environmental study
3. Mineralogy
4. Soiltechlogy
- 5.

Answer : Pedology

• Question No. 9

If a farmer practices “sugarcane -wheat” the cropping intensity at his farm will be \_\_\_\_\_ %.

**Options :**

1. 200
2. 150
3. 100
4. 300
- 5.

Answer : 100

• Question No. 10

Who discovered the downy mildew for the first time in India?

**Options :**

1. J.F.Dastur
2. Dr. S.P.Mathur
3. E.J.Butler
4. K.C.Thomas
- 5.

Answer : E.J.Butler

• Question No. 11

What will be the cropping intensity (%) of the crop rotation involving,Rice-WheatFallow-Wheat?

**Options :**

1. 100
2. 150
3. 200

4. 300

5.

Answer : 150

• Question No. 12

Which of the following substance of opium is used in Cough Syrups?

**Options :**

1. Morphine

2. Codeine

3. Thebaine

4. Papaverine

5.

Answer : Codeine

• Question No. 13

Which of the following is the edible part of Litchi ?

**Options :**

1. Pericarp

2. Kernal

3. Fleshy aril

4. Thalamus

5.

Answer : Fleshy aril

• Question No. 14

Plants which flower only once in their life is:

**Options :**

1. Polycarpic
2. monocarpic
3. cleistocarpic
4. pericarpic
- 5.

Answer : monocarpic

• Question No. 15

Isabgol belongs to the family\_\_\_\_\_ .

**Options :**

1. Plantaginaceae
2. Poaceae
3. Chenopodiaceae
4. Carthamus
- 5.

Answer : Plantaginaceae

• Question No. 16

Smut of maize is caused by \_\_\_\_\_ .

**Options :**

1. Ustilago tritici
2. Ustilago maydis
3. Ustilago hordei
4. Ustilago satritic
- 5.

Answer : Ustilago maydis

- Question No. 17

Number of Nuclei present in a pollen grain are :

**Options :**

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

Answer : 3

- Question No. 18

The validity period of the seed certificate is :

**Options :**

1. Nine months from the date of harvest
2. Nine months from the date of test
3. Eleven months from the date of harvest
4. Eleven months from the date of test
- 5.

Answer : Nine months from the date of test

- Question No. 19

Hexokinase is \_\_\_\_\_ dependent enzyme.

**Options :**

1. Magnesium
2. sodium
3. Iron

4. Zinc

5.

Answer : Magnesium

- Question No. 20

Which of the following represents photosynthesis?

**Options :**

1. water + oxygen  $\rightarrow$  carbon dioxide + carbohydrate

2. carbon dioxide + water  $\rightarrow$  oxygen + carbohydrate

3. carbohydrate + oxygen  $\rightarrow$  water + oxygen

4. carbon dioxide + oxygen  $\rightarrow$  water + carbohydrate

5.

Answer : carbon dioxide + water  $\rightarrow$  oxygen + carbohydrate

- Question No. 21

Which of the following crop does not grow in the zaid season?

**Options :**

1. Watermelon

2. Mustard

3. Cucumber

4. All of the above

5.

Answer : Mustard

- Question No. 22

Application of potash increases \_\_\_\_\_.



**Options :**

1. Resistance to water logging
2. Disease resistance in plants
3. Frost resistance in plants
4. All of the above
- 5.

Answer : Disease resistance in plants

• Question No. 23

Which process share the same pathway as glycolysis but in opposite direction?

**Options :**

1. Glycogenesis
2. Gluconeogenesis
3. Glycogenolysis
4. HMP-shunt
- 5.

Answer : Gluconeogenesis

• Question No. 24

The certification tag for foundation seed stage-I shall be \_\_\_\_\_ colour

**Options :**

1. white
2. green
3. yellow
4. red
- 5.

Answer : white

- Question No. 25

Which of the following is a biofertilizer?

**Options :**

1. Mycorrhiza
2. Trichoderma
3. Agrobacterium
4. All of the above
- 5.

Answer : Mycorrhiza

- Question No. 26

Select the pair which is wrongly matched in given options.

**Options :**

1. Carboxin : Benlate
2. Oxycarboxin : Plantvax
3. MBC : Bavistin
4. Benomyl : Benlate
- 5.

Answer : Carboxin : Benlate

- Question No. 27

Which pathogen is responsible for charcoal rot of soybean?

**Options :**

1. Ascochyta rabiei
2. Macrophomina phaseolina
3. Rhizoctonia solani

4. Penicillium chrysogenum

5.

Answer : Macrophomina phaseolina

- Question No. 28

Gram pod borer belong to family :

**Options :**

1. Curculionidae

2. Noctuidae

3. Armigera

4. Helicoverpa

5.

Answer : Noctuidae

- Question No. 29

Chenopodiaceae is the family of:

**Options :**

1. Potato

2. Sweet potato

3. Okra

4. Spinach

5.

Answer : Spinach

- Question No. 30

Which one of the following crops are grown to increase soil fertility?

**Options :**

1. Black Gram
2. Rice
3. Wheat
4. Cotton
- 5.

Answer : Black Gram

• Question No. 31

A simple one seeded fruit with pericarp fused with the seed coat is known as :

**Options :**

1. Caryopsis
2. Achene
3. Nut
4. Cypsela
- 5.

Answer : Caryopsis

• Question No. 32

The level of toxicity of Dhatura plant on the basis of increasing level is :

**Options :**

1. Root, Seeds, Fruit, Leaf
2. Leaf, Root, Fruit, Seeds
3. Fruit, Root, Seeds, Leaf
4. Seeds, Leaf, Root, Fruit
- 5.

Answer : Leaf, Root, Fruit, Seeds

- Question No. 33

An albuminous seed showing hypogeal germination is :

**Options :**

1. Castor
2. Bean
3. Gram
4. Maize
- 5.

Answer : Maize

- Question No. 34

Ripening in sugarcane is enhanced by spraying \_\_\_\_\_.

**Options :**

1. Polaris
2. Ethrel
3. All of the above
4. Sodium metasilicate
- 5.

Answer : All of the above

- Question No. 35

Which of these plants contains nitrogenfixing bacteria?

**Options :**

1. Gram
2. Wheat
3. Cotton

4. Mustard

5.

Answer : Gram

- Question No. 36

When was National Seed Corporation founded?

**Options :**

1. March,1963

2. March,1953

3. March,1973

4. March,1950

5.

Answer : March,1963

- Question No. 37

The following are the active constituents of papaverum somniferum

(i) Calatropin (ii) Codein (iii) Papavarine (iv) Hyocyamine

**Options :**

1. (i) and (ii)

2. (ii) and (iii)

3. (iii) and (iv)

4. (i) and (iv)

5.

Answer : (ii) and (iii)

- Question No. 38

Khaira disease of rice can be controlled by spraying of \_\_\_\_\_ .

**Options :**

1. Copper sulphate
2. Manganese sulphate
3. Borax
4. Zinc sulphate
- 5.

Answer : Zinc sulphate

- Question No. 39

Which hormone stimulates glycolysis?

**Options :**

1. Insulin
2. Glucagon
3. Growth hormone
4. All of the above
- 5.

Answer : Insulin

- Question No. 40

The deposition of pollen on the stigma of another flower of the same plant is known as :

**Options :**

1. Homogamy
2. Dichogamy
3. Geitonogamy
4. Xenogamy
- 5.

Answer : Geitonogamy

- Question No. 41

Botanical name of Lemon grass :

**Options :**

1. Cymbopogon flexuosus
2. Cymbopogon martini
3. Plantago ovata
4. Citrus sinensis
- 5.

Answer : Cymbopogon flexuosus

- Question No. 42

Pick the correct statement from the given

**Options :**

1. Legumes do not fix nitrogen
2. Legumes fix nitrogen independent of bacteria
3. Legumes fix nitrogen through bacteria in their roots
4. Legumes fix nitrogen through bacteria in their leaves.
- 5.

Answer : Legumes fix nitrogen through bacteria in their leaves.

- Question No. 43

The Colletotrichum falcatum produces :

**Options :**

1. Zygospores



2. Conidiospores
3. Oospores
4. Ascospores
- 5.

Answer : Conidiospores

• Question No. 44

Which soil is known as the self-plowed soil of India?

**Options :**

1. Laterite soils
2. Acidic soil
3. Red soils
4. Black soil
- 5.

Answer : Black soil

• Question No. 45

Which plant family does mint belongs to?

**Options :**

1. Lamiaceae
2. Ericaceae
3. Zingiberaceae
4. Mojito
- 5.

Answer : Lamiaceae

• Question No. 46

The certification tag for foundation seed stage-II shall be \_\_\_\_\_ colour

**Options :**

1. white
2. pink
3. yellow
4. blue
- 5.

Answer : white

- Question No. 47

Tomato variety RKMT is evolved through:

**Options :**

1. X-rays
2. Gamma rays
3. PV rays
4. NY rays
- 5.

Answer : X-rays

- Question No. 48

The toxic alkaloid found in the leaves of sorghum crop is \_\_\_\_\_ .

**Options :**

1. HCl
2. HCN
3.  $H_2SO_4$
4.  $H_2S$
- 5.

Answer : HCN

- Question No. 49

Which group of crops is more suited for organic farming in Bundelkhand region of Uttar Pradesh?

**Options :**

1. Oilseeds
2. Pulses
3. Cereals
4. All of the above
- 5.

Answer : Pulses

- Question No. 50

Pusa majesty is a variety of :

**Options :**

1. Papaya
2. Citrus
3. Guava
4. Banana
- 5.

Answer : Papaya

- Question No. 51

Which state is highest producer of Coconut in India?

**Options :**

1. Karnataka

2. Tamil Nadu
3. Kerala
4. Andhra Pradesh
- 5.

Answer : Karnataka

- Question No. 52

TZ test is done for \_\_\_\_\_ of seed.

**Options :**

1. Viability
2. Vigour
3. Germination
4. All of the above
- 5.

Answer : Viability

- Question No. 53

What is the wild species of sugarcane?

**Options :**

1. S. robustum
2. S. barberi
3. S. obutunam
4. S. officinarum
- 5.

Answer : S. robustum

- Question No. 54

Which of the following crop enriches the nitrogen content of the soil?

**Options :**

1. Pea
2. Sunflower
3. Wheat
4. Rice
- 5.

Answer : Pea

- Question No. 55

Which of the following options help in decomposition of organic matter in submerged soil?

**Options :**

1. Earthworm
2. Fungi
3. Actinomycetes
4. Bacteria
- 5.

Answer : Bacteria

- Question No. 56

Proteinaceous part of maize endosperm is :

**Options :**

1. Apophysis
2. scutellum
3. Aleurone layer
4. Peripheral layer
- 5.

Answer : Aleurone layer

- Question No. 57

In the Grass Family, Cotyledons are called?

**Options :**

1. scutellum
2. coleoptile
3. epicotyl
4. coleorrhiza
- 5.

Answer : scutellum

- Question No. 58

What are the genes responsible for dwarfness in wheat ?

**Options :**

1. Lorin 10
2. Morin 10
3. Norine 10
4. Jorine 10
- 5.

Answer : Norine 10

- Question No. 59

Which one is insect trap crop?

**Options :**

1. rice

2. Arhar
3. Castor
4. Maize
- 5.

Answer : Castor

- Question No. 60

Nitrogen is translocated into the seed mainly in the form of \_\_\_\_\_ .

**Options :**

1. Fat
2. Amino acid
3. Protein
4. Sucrose
- 5.

Answer : Amino acid

- Question No. 61

Durgapur kesar is an important variety of \_\_\_\_\_ .

**Options :**

1. Watermelon
2. Mango
3. Potato
4. Cucumber
- 5.

Answer : Watermelon

- Question No. 62

Best season for potato cultivation is :

**Options :**

1. Rabi
2. Kharif
3. Summer
4. All of the above
- 5.

Answer : Rabi

- Question No. 63

Weevils belong to family \_\_\_\_\_.

**Options :**

1. Curculionidae
2. Noctuidae
3. Maxilla
4. Noctuidae
- 5.

Answer : Curculionidae

- Question No. 64

In seed germination the first phenomenon takes place is \_\_\_\_\_.

**Options :**

1. Diffusion
2. Osmosis
3. Imbibition
4. All of the above
- 5.



Answer : Imbibition

- Question No. 65

Which of the following is not required for photosynthesis?

**Options :**

1. Carbon dioxide
2. Oxygen
3. Water
4. Chlorophyll
- 5.

Answer : Oxygen

- Question No. 66

Which is the largest fruit producing district in Bihar?

**Options :**

1. Muzaffarpur
2. Vaishali
3. Sitamarhi
4. Kishanganj
- 5.

Answer : Muzaffarpur

- Question No. 67

Which out of following is not a dicotyledon seed?

**Options :**

1. Beans

2. Gram
3. Groundnut
4. Maize
- 5.

Answer : Maize

- Question No. 68

Pollination by insects is called :

**Options :**

1. Zoophily
2. Anemophily
3. Epihydrophily
4. Entomophily
- 5.

Answer : Entomophily

- Question No. 69

Palmarosa comes under the family of \_\_\_\_\_ .

**Options :**

1. Poaceae
2. Euphorbiaceae
3. Convulaceae
4. Plantaginaceae
- 5.

Answer : Poaceae

- Question No. 70

Which state is the largest producer of sugarcane in india in year 2023 ?

**Options :**

1. Uttar Pradesh
2. Maharashtra
3. Karnataka
4. Bihar
- 5.

Answer : Uttar Pradesh

- Question No. 71

The train for Bhopal leaves every two and a half hours from Agra Railway Station. An announcement was made at the station that the train for Lucknow had left 40 minutes ago and the next train will leave at 18.00 hrs. At what time was the announcement made ?

**Options :**

1. 15.30 hrs
2. 17.10 hrs
3. 15.50 hrs
4. None of the above
- 5.

Answer : None of the above

- Question No. 72

Find the missing number.

1,3,7,15,31,63,127,....

**Options :**

1. 255

2. 250

3. 225

4. 155

5.

Answer : 255

- Question No. 73

If  $(3x-y) : (x+5y) = 5 : 7$  then find out  $(x+y) : (x-y)$

**Options :**

1. 2 : 3

2. 3 : 3

3. 3 : 1

4. 3 : 2

5.

Answer : 3 : 1

- Question No. 74

When two circles do not intersect each other then the number of common tangents are:

**Options :**

1. 2

2. 3

3. 4

4. 6

5.

Answer : 4

- Question No. 75

Find largest number from following options which divides 200 and 320 completely

**Options :**

1. 10
2. 20
3. 30
4. 40
- 5.

Answer : 40

- Question No. 76

Find out the alternative from options given which will replace the question mark.

pineapple : ? :: orange : Florida

**Options :**

1. Dubai
2. Hawaii
3. Canada
4. mango
- 5.

Answer : Hawaii

- Question No. 77

Complete the sequence with the correct option from the following codes:

EGIK : FILO :: FHJL : ?

**Options :**

1. JGMP
2. JGPM

3. GJMP
4. GJPM
- 5.

Answer : GJMP

• Question No. 78

If air is called water, water is called green, green is called dust, dust is called yellow and yellow is called cloud, which of the following does fish live in ?

**Options :**

1. Dust
2. Air
3. Water
4. Green
- 5.

Answer : Green

• Question No. 79

If in any code language AJAY is written as 1117, then is same code NAMA would be written as ?

**Options :**

1. 5141
2. 5411
3. 5114
4. 4511
- 5.

Answer : 5141

• Question No. 80

Choose most suitable alternatives to make a proper sentence.

It is I who.....you

**Options :**

1. is helping
2. am helping
3. will helping
4. helps
- 5.

Answer : will helping

- Question No. 81

A person who rules without consulting the opinion of others is called -

**Options :**

1. Autocrat
2. Bureaucrat
3. Fanatic
4. Democrat
- 5.

Answer : Autocrat

- Question No. 82

Choose the meaning of this idiom and phrase

'To keep at arm's length'.

**Options :**

1. To keep very near
2. To be in a safe place

3. To keep someone hap
4. To keep away
- 5.

Answer : To keep away

• Question No. 83

Antonyms of 'Novice' is-

**Options :**

1. Learner
2. Expert
3. Neophyte
4. Beginner
- 5.

Answer : Expert

• Question No. 84

Choose most suitable alternatives to make a proper sentence.

Over work is bound to..... your health.

**Options :**

1. affact
2. effect
3. effected
4. affect
- 5.

Answer : affect

• Question No. 85



Letter, e-mail and telephone are examples of \_\_\_\_\_ in communication.

**Options :**

1. Message
2. Feedback
3. Channel
4. Encoding
- 5.

Answer : Channel

- Question No. 86

Which of the following is the biggest unit of memory?

**Options :**

1. Gigabytes
2. Megabytes
3. Kilobytes
4. Bytes
- 5.

Answer : Gigabytes

- Question No. 87

In MS- Word pressing F8 key for three times selects :

**Options :**

1. A word
2. A sentence
3. A paragraph
4. Entire document
- 5.

Answer : A sentence

- Question No. 88

Thesaurus tool in MS Word is used for \_\_\_\_\_ .

**Options :**

1. Spelling suggestions
2. Grammar options
3. Synonyms and Antonyms words
4. None of the above
- 5.

Answer : Synonyms and Antonyms words

- Question No. 89

Bhoramdeo Wildlife Sanctuary is located in which state?

**Options :**

1. Chhattisgarh
2. Telangana
3. Assam
4. Uttrakhand
- 5.

Answer : Chhattisgarh

- Question No. 90

Which of the following institution was given recently the status of Deemed-to-be University?

**Options :**

1. NCERT

2. UGC
3. SCERT
4. SICET
- 5.

Answer : SICET

- Question No. 91

Where was India's first Artificial Intelligence (AI) school opened at?

**Options :**

1. Thiruvananthapuram
2. Hyderabad
3. Pune
4. Noida
- 5.

Answer : Thiruvananthapuram

- Question No. 92

The current Cabinet Minister of Food Processing Industries is \_\_\_\_\_

**Options :**

1. Shri Pashu Pati Kumar Paras
2. Shri Bhupender Yadav
3. Dr. Mahendra Nath Pandey
4. Shri Parshottam Rupala
- 5.

Answer : Shri Pashu Pati Kumar Paras

- Question No. 93

Which of the following film was declared Best Film on Environment Conservation at the 69th National film award?

**Options :**

1. Aavasavyuham
2. Konda Polam
3. Anur
4. Samanantar
- 5.

Answer : Aavasavyuham

- Question No. 94

The current Cabinet Minister of Agriculture and Farmers Welfare is \_\_\_\_\_ .

**Options :**

1. Shri Arjun Munda
2. Shri Pralhad Joshi
3. Shri Narayan Tatu Rane
4. Shri Gajendra Singh Shekhawat
- 5.

Answer : Shri Arjun Munda

- Question No. 95

Which of the following places is also known as 'Cape Comorin'?

**Options :**

1. Konkan
2. Khajuraho
3. Kalka
4. Kanyakumari
- 5.

Answer : Kanyakumari

- Question No. 96

A character that is raised and smaller above the baseline is known as \_\_\_\_\_.

**Options :**

1. Outlined
2. Raised
3. Superscript
4. Subscript
- 5.

Answer : Superscript

- Question No. 97

Which of the following actor was declared best supporting actor at the 69th National film award?

**Options :**

1. Pankaj Tripathi
2. Manoj Bajpayee
3. Avik Mukhopadhyay
4. Allu Arjun
- 5.

Answer : Pankaj Tripathi

- Question No. 98

Which one of the following is not a genetic disease?

**Options :**

1. Colour blindness

2. Haemophilia
3. Night blindness
4. Albinism
- 5.

Answer : Night blindness

- Question No. 99

The world agriculture day is celebrated on \_\_\_\_\_ .

**Options :**

1. 11th June
2. 11th July
3. 23rd July
4. 11th August
- 5.

Answer : 11th June

- Question No. 100

Who among the following has been the first woman speaker of the Lok Sabha?

**Options :**

1. Meira Kumar
2. Sumitra Mahajan
3. Najma Heptulla
4. Sushma Swaraj
- 5.

Answer : Meira Kumar

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