

• Question No. 1

Blue Green Algae is chiefly used as biofertilizer in the crop of :

Options :

1. Gram
2. Wheat
3. Mustard
4. Paddy
- 5.

Answer : Paddy

• Question No. 2

A farmer has 01 hectare of land to be irrigated with 7 cm. depth. How much time will be required by a tube well with 1500 litre per minute discharge, if its overall efficiency is 90 percent ?

Options :

1. 7.77 hours
2. 5.18 hours
3. 8.64 hours
4. 4.68 hours
- 5.

Answer : 8.64 hours

• Question No. 3

'Carburettor' is found in which type of engine ?

Options :

1. Petrol Engine

2. Diesel Engine
3. Electric Engine
4. All of the above
- 5.

Answer : Petrol Engine

• Question No. 4

Most Critical state of irrigation in potato is :

Options :

1. Growth Phase
2. While forming tuber
3. While forming stolon
4. None of the above
- 5.

Answer : While forming tuber

• Question No. 5

Water use efficiency is defined as — where

Y = Yield, T = Transpiration, ET = Evapotranspiration

Options :

1. Y/T
2. T/Y
3. Y/ET
4. ET/Y
- 5.

Answer : Y/ET

• Question No. 6

Which insecticide trade name is Celphos ?

Options :

1. Aluminium phosphide
2. Alpha methrin
3. Calcium arseinate
4. Carbaryl
- 5.

Answer : Aluminium phosphide

• Question No. 7

Cyanobacteria is :

Options :

1. Consumer
2. Decomposer
3. Producer
4. None of the above
- 5.

Answer : Producer

• Question No. 8

Gujhia Weevil is an important insect pest of wheat, attacks at the time of

Options :

1. Sowing
2. Tillering
3. Storing

4. Germinating Seedlings

5.

Answer : Germinating Seedlings

• Question No. 9

Cow pox is a :

Options :

1. Bacterial disease

2. Viral disease

3. Protozoa disease

4. Fungal disease

5.

Answer : Viral disease

• Question No. 10

Which is the longest phase of Mitotic cell Division :

Options :

1. Metaphase

2. Anaphase

3. Telophase

4. Prophase

5.

Answer : Prophase

• Question No. 11

Which of the following is a man-made cereal?

Options :

1. Wheat
2. Triticale
3. Rice
4. Barley
- 5.

Answer : Triticale

• Question No. 12

C.I.M.M.Y.T. is located in :

Options :

1. Mexico
2. Nigeria
3. Spain
4. India
- 5.

Answer : Mexico

• Question No. 13

Beautiful Trees and Garden is a book written by :

Options :

1. B.P. Pal
2. M.S. Randhawa
3. N.S. Randhawa
4. R.N. Singh
- 5.

Answer : M.S. Randhawa

- Question No. 14

Parthenogenesis is common in :

Options :

1. Grape
2. Mango
3. Litchi
4. Citrus
- 5.

Answer : Grape

- Question No. 15

Motha grass belongs to the family of :

Options :

1. Cyperacea
2. Graminae
3. Tiliacea
4. Cruciferae
- 5.

Answer : Cyperacea

- Question No. 16

Which crop is related to 'Blindness' ?

Options :

1. Wheat
2. Groundnut
3. Paddy

4. Cauliflower

5.

Answer : Cauliflower

• Question No. 17

The chief pollutants of atmosphere which are most likely to deplete the ozone layer :

Options :

1. Sulphur dioxide
2. Carbon monoxide
3. Nitrogen oxides & Fluorocarbon
4. Carbon dioxide
- 5.

Answer : Nitrogen oxides & Fluorocarbon

• Question No. 18

Which of the following is famous breed of goat?

Options :

1. Jamunapari
2. Mehsona
3. Surti
4. Bhakarwal
- 5.

Answer : Jamunapari

• Question No. 19

For chemical method of dehorning, which chemical used ?

Options :

1. NaOH
2. Mg(OH) \square
3. HCL
4. Ca(OH) \square
- 5.

Answer : NaOH

• Question No. 20

"Phalaris minor" weed mostly grow with :

Options :

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

Answer : Wheat

• Question No. 21

Golden rice is rich in :

Options :

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

Answer : Vitamin A

• Question No. 22

Hydrocyanic Acid (HCN) poison is found in:

Options :

1. Maize
2. Pearimillet
3. Sorghum
4. Berseem
- 5.

Answer : Sorghum

• Question No. 23

For C3 plants the optimum temperature for Photosynthesis is : C3

Options :

1. 35 °C
2. 30°C- 47°C
3. 25°C- 30°C
4. 15°C- 25°C
- 5.

Answer : 15°C- 25°C

• Question No. 24

Some plants release some chemicals which affect the growths & development of other plants, this process is known as :

Options :

1. Allelopathy
2. Periodicity

3. Sturdidity
4. Parthenocarpy
- 5.

Answer : Allelopathy

• Question No. 25

Materials used in the manufacture of Cultivator shovel :

Options :

1. Chilled cost Iron
2. Gun Metal
3. Mild Steel
4. Brass
- 5.

Answer : Chilled cost Iron

• Question No. 26

An Indigenous Plough is :

Options :

1. A Wetland Peddler
2. A Secondary tillage implement
3. A Primary tillage implement
4. A Multipurpose implement
- 5.

Answer : A Primary tillage implement

• Question No. 27

Those weeds which produce seeds similar in shape, size & weight as that of some crop seeds are called as :

Options :

1. Satellite weeds
2. Efficient Weeds
3. Non-efficient weeds
4. Invasive weeds
- 5.

Answer : Satellite weeds

• Question No. 28

The famous Chaubatia paste a fungicide, is used in orchards of apple and peaches is prepared by mixing copper carbonate and in linolin or linseed oil

Options :

1. Copper Sulphate
2. Red lead
3. Ammonium Carbonate
4. Hydrated lime
- 5.

Answer : Red lead

• Question No. 29

Immature leaf of plants fall down due to deficiency of :

Options :

1. Sodium
2. Zinc
3. Sulphur
4. Phosphorus
- 5.

Answer : Zinc

- Question No. 30

In tractor P.T.O stand for :

Options :

1. Pressure Transfer Order
2. Please Turn Over
3. Power Take Off
4. Power Transfer On
- 5.

Answer : Power Take Off

- Question No. 31

The hormone, which controls flowering is called

Options :

1. Florigen
2. Kinins
3. Gibberalins
4. I.A.A.
- 5.

Answer : Florigen

- Question No. 32

Which of the following will be used to Reclaim acidic Soil ?

Options :

1. Gypsum

2. Cow dung
3. Lime
4. Pyrite
- 5.

Answer : Lime

• Question No. 33

Which of the following crop is highly tolerant to alkalinity?

Options :

1. Foxtail millet
2. Pearl millet
3. Kodo millet
4. Finger millet
- 5.

Answer : Finger millet

• Question No. 34

Laterite Soil is rich in :

Options :

1. Co
2. Ca
3. Fe
4. Mg
- 5.

Answer : Fe

• Question No. 35

A new approach to interpreting leaf or plant analysis which identifies all the nutritional factors limiting crop production and developed by Beaufils university of Natal South Africa :

Options :

1. Plant Health Diagnosis System
2. Integrated Nutrient Management
3. Soil Health Diagnosis System
4. Diagnosis and Recommendation Integrated System
- 5.

Answer : Diagnosis and Recommendation Integrated System

- Question No. 36

Number of chromosome in Maize Crop :

Options :

1. $2n = 40$
2. $2n = 14$
3. $2n = 20$
4. $2n = 25$
- 5.

Answer : $2n = 20$

- Question No. 37

Triticum aestivum wheat is :

Options :

1. Hexaploid
2. Diploid
3. Tetraploid
4. Haploid

5.

Answer : Hexaploid

• Question No. 38

Giant chilli is a rich source of :

Options :

1. Thiamine
2. Vitamin-A
3. Riboflavin
4. Vitamin-C
- 5.

Answer : Thiamine

• Question No. 39

Seed drill have slip equal to :

Options :

1. Zero
2. Positive Slip
3. Negative Slip
4. None of the above
- 5.

Answer : Positive Slip

• Question No. 40

In comparison to other soil, the availability of iron and manganese in acidic soil is :

Options :

1. Low
2. Minimum
3. Unaffected
4. High
- 5.

Answer : High

• Question No. 41

The green potato becomes poisonous due to:

Options :

1. Trizen
2. Harmones
3. Solanin
4. Phyto Alaxines
- 5.

Answer : Solanin

• Question No. 42

The quantity of nitrogen in FYM is :

Options :

1. 1.5
2. 2.5
3. 0.5
4. 4
- 5.

Answer : 0.5

- Question No. 43

By inducing stomatal closing, phenyl mercuric Acetate in low concentration serves as :

Options :

1. Toxic
2. Nematicide
3. Insecticide
4. Anti-transpirant
- 5.

Answer : Anti-transpirant

- Question No. 44

Which instrument is used to measure the draft of pull by a Tractor ?

Options :

1. Dynamometer
2. Speedo meter
3. Anemometer
4. Voltmeter
- 5.

Answer : Dynamometer

- Question No. 45

$\frac{\text{weight of Soil}}{\text{Volume of Dry Soil including Pores}}$ is a formula for measuring of :

Options :

1. Bulk Density
2. Soil Density
3. Pores Density
4. Particle Density
- 5.

Answer : Bulk Density

• Question No. 46

Which insect attacks on 'paddy crop' during night ?

Options :

1. Gundhi bug
2. BPH
3. Aphid
4. Rice Stem borer
- 5.

Answer : Gundhi bug

• Question No. 47

The first Krishi Vigyan Kendra (KVK) was established in :

Options :

1. Pondicherry
2. Mysore
3. Hyderabad
4. Bengaluru
- 5.

Answer : Pondicherry

• Question No. 48

In Saltation process, soil particles move in a series of bounces or jumps having the particle size ranging from :

Options :

1. 0.025 mm to 0.05 mm
2. 0.05 mm to 0.5 mm
3. 0.025 mm to 0.25 mm
4. 0.005 mm to 0.05 mm
- 5.

Answer : 0.05 mm to 0.5 mm

• Question No. 49

Bt. toxin is produced by a :

Options :

1. Fungus
2. Bacterium
3. Algae
4. Virus
- 5.

Answer : Bacterium

• Question No. 50

The causative agent of early blight disease of potato is :

Options :

1. Ustilago
2. Fusarium
3. Albugo

4. Alternaria

5.

Answer : Alternaria

• Question No. 51

Which of the following is wrongly matched ?

Options :

1. Rinder Pest – Viral

2. Ranikhet – Viral

3. Anthrax – Bacterial Disease

4. F.M.D. – Bacterial

5.

Answer : F.M.D. – Bacterial

• Question No. 52

Which method of following takes minimum space is transmission of power :

Options :

1. Gears

2. Sprocket wheels and chain

3. Pulleys and Belts

4. None of the above

5.

Answer : Gears

• Question No. 53

A tractor is driving a chaff cutter; Tractor's pulley has a circumference of 44 cm and rotating at 500 revolutions per minute. If speed of chaff cutter Pulley is 700 revolution per minute, then the diameter of its pulley will be :

Options :

1. 10 cm
2. 11 m
3. 60 cm
4. 22 cm
- 5.

Answer : 10 cm

• Question No. 54

Which of the following instrument can be used for sowing Seeds in line ?

Options :

1. Meston Plough
2. Wah-wah Cultivator
3. Scraper
4. Harrow
- 5.

Answer : Wah-wah Cultivator

• Question No. 55

The Father of Agronomy was :

Options :

1. Handersion-day
2. Pitionsion-Agras
3. Pietro de Crescenzi
4. Andersion-Nomas
- 5.

Answer : Pietro de Crescenzi

- Question No. 56

Measure taken to prevent cows from habit of drinking their own milk is :

Options :

1. Halter
2. Tail Holder
3. Neck Cradlet
4. None of the above
- 5.

Answer : Neck Cradlet

- Question No. 57

For two stroke engine firing interval is :

A. $f1 = \frac{360^0}{NO}$.of cylinders

B. $f1 = \frac{720^0}{NO}$.of cylinders

C. $f1 = \frac{380^0}{NO}$.of cylinders

D. $f1 = \frac{390^0}{NO}$.of cylinders

Options :

1. A
2. B

3. C

4. D

5.

Answer : A

• Question No. 58

Seeds Sample Certificate's colour is :

Options :

1. White

2. Blue

3. Purple

4. Orange

5.

Answer : Blue

• Question No. 59

The reason of smell in Garlic is :

Options :

1. Capsaicin

2. Oxalate

3. Senegrin

4. Alicin

5.

Answer : Alicin

• Question No. 60

The term Vernalization was coined by :

Options :

1. Chaikhyan
2. G.Gassner
3. T.D. Lysenko
4. S.M. Sircar
- 5.

Answer : T.D. Lysenko

• Question No. 61

Which Crop is related to 'Bolting' :

Options :

1. Cotton
2. Garlic
3. Onion
4. Gram
- 5.

Answer : Onion

• Question No. 62

Chemical composition of pyrite is :

Options :

1. CaCo_3
2. FeS_2
3. CaSo_4
4. Na_2So_4
- 5.

Answer : FeS_2

- Question No. 63

Component of sustainable Agriculture is/are :

Options :

1. Genetic Variability
2. Integrated pest Management
3. Participation of farmers
4. All above
- 5.

Answer : All above

- Question No. 64

Harvest index of Pigeon pea is :

Options :

1. 15%
2. 20%
3. 19%
4. 23%
- 5.

Answer : 19%

- Question No. 65

Botanical name of Soya bean is :

Options :

1. Cajanus Cajan
2. Zea-Mays
3. Glycine Max

4. Oryza Sativa

5.

Answer : Glycine Max

• Question No. 66

Which of the following is the world's largest egg laying hen ?

Options :

1. New Hampshire Breed

2. Orpington Breed

3. Wyandotte Breed

4. White Leghorn Breed

5.

Answer : White Leghorn Breed

• Question No. 67

The next crop to sown before harvesting the preceding crop, is called :

Options :

1. Intensive cropping

2. Relay Cropping

3. Non-Overlapping cropping

4. Sequential cropping

5.

Answer : Relay Cropping

• Question No. 68

Indian Institute of Sugar Cane Research is situated in :

Options :

1. Prayagraj
2. Lucknow
3. Varansi
4. Kanpur
- 5.

Answer : Lucknow

• Question No. 69

Cutting blades of chaff cutter machine are made of :

Options :

1. Aluminium
2. High carbon steel
3. Cast iron
4. Copper
- 5.

Answer : High carbon steel

• Question No. 70

Elongation of genetically dwarf plant is possible by the application of :

Options :

1. Vitamin
2. Ethylene
3. Gibberellins
4. Kinetin
- 5.

Answer : Gibberellins

- Question No. 71

Bordeaux mixture is a :

Options :

1. Weedicide
2. Bactericide
3. Pesticide
4. Fungicide
- 5.

Answer : Fungicide

- Question No. 72

One power stroke is consist of how many rounds of crank shaft in four-stroke cycle engine ?

Options :

1. 4 Rounds
2. 2 Rounds
3. 3 Rounds
4. None of the above
- 5.

Answer : 2 Rounds

- Question No. 73

Curing is practiced in :

Options :

1. Cocoa
2. Tobacco
3. Jute

4. Rubber

5.

Answer : Tobacco

- Question No. 74

Which part of a centrifugal pump rotates to lift water :

Options :

1. Impeller

2. Foot Valve

3. Bearing

4. Coupling

5.

Answer : Impeller

- Question No. 75

Among the following which particular control measure is included in Seed Certification ?

Options :

1. Field inspection

2. Genetic purity

3. Control plot testing

4. All of the above

5.

Answer : All of the above

- Question No. 76

The pigment responsible for the colour of brinjal is :

Options :

1. Anthocyanin
2. Beta carotene
3. Capsaicin
4. None of the above
- 5.

Answer : Anthocyanin

• Question No. 77

Which Monsoon receives the most rainfall in India ?

Options :

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

Answer : South West Monsoon

• Question No. 78

Coconut fat is a rich source of :

Options :

1. Palmitic acid
2. Ricinoleic acid
3. Stearic acid
4. Lauric acid
- 5.

Answer : Lauric acid

- Question No. 79

Urea hydrolysis in the soil produces :

Options :

1. Amides
2. Ammonium Nitrate
3. Uric Acid
4. Ammonium Bicarbonate
- 5.

Answer : Ammonium Bicarbonate

- Question No. 80

What will happen if Lycopene is absent from tomato ?

Options :

1. Red colour of tomato affected
2. Immature fruit
3. Black patches on fruit
4. Become bitter
- 5.

Answer : Red colour of tomato affected

- Question No. 81

Instrument for measuring moisture in soil is :

Options :

1. Lyso Meter
2. Tensio Meter
3. Pyro Meter

4. Hygro Meter

5.

Answer : Tensio Meter

- Question No. 82

Paddy is normally stored at :

Options :

1. 12 % Moisture content on wet basis

2. 12 % Moisture content on dry basis

3. 15 % Moisture content on dry basis

4. 15 % Moisture content on wet basis

5.

Answer : 12 % Moisture content on wet basis

- Question No. 83

Which one is the water soluble fertilizer ?

Options :

1. Basic slag

2. Dicalcium Phosphate

3. Rhemania Phosphate

4. Single Super Phosphate

5.

Answer : Single Super Phosphate

- Question No. 84

Which type of R.N.A contains unusual bases?

Options :

1. t-R.N.A
2. m-R.N.A
3. r-R.N.A
4. All of the above
- 5.

Answer : t-R.N.A

• Question No. 85

In nature the rate of mutation is :

Options :

1. 1×10^{-5}
2. 1×10^{-8}
3. 1×10^5
4. 1×10^8
- 5.

Answer : 1×10^{-5}

• Question No. 86

Aseel is a breed of :

Options :

1. Cow
2. Goat
3. Cock
4. Sheep
- 5.

Answer : Cock

- Question No. 87

Nostoc is a member of :

Options :

1. Phaeophyceal
2. Rhodophyceal
3. Cyamophyceal
4. Chlorophyceal
- 5.

Answer : Cyamophyceal

- Question No. 88

Whiptail in cauliflower is caused due to :

Options :

1. Deficiency of Iron
2. Deficiency of Sulphur
3. Deficiency of Molybdenum
4. Deficiency of Boron
- 5.

Answer : Deficiency of Molybdenum

- Question No. 89

N:P:K ratio in legumes is generally :

Options :

1. 3:1:1
2. 4:2:1
3. 1:2:2

4. 3:1:0

5.

Answer : 1:2:2

- Question No. 90

Generally disc angle of a disc plough is :

Options :

1. 20°

2. 45°

3. 0°

4. 15°

5.

Answer : 45°

- Question No. 91

Which one is the total root parasitic weed ?

Options :

1. Orabanche

2. Cuscuta

3. Loranthus

4. Striga

5.

Answer : Orabanche

- Question No. 92

Chemical formula of Muscovite is :

Options :

1. KAl₂ Si₃ O₁₀ (OH) 2
2. KAl₃ Si₄ O₁₀ (OH) 2
3. KAl₃ Si₂ O₁₀ (OH) 2
4. KAl₃ Si₃ O₁₀ (OH) 2
- 5.

Answer : KAl₃ Si₃ O₁₀ (OH) 2

• Question No. 93

UPAS-120 is a variety of :

Options :

1. Black Gram
2. Soya bean
3. Pea
4. Pigeon Pea
- 5.

Answer : Pigeon Pea

• Question No. 94

Trichoderma is a/an :

Options :

1. Algae
2. Virus
3. Bacterium
4. Fungus
- 5.

Answer : Fungus

- Question No. 95

The Pusabin for the storage of food grains is developed by :

Options :

1. ICAR, New Delhi
2. GBPUAT, Pantnagar
3. IARI, New Delhi
4. Food Corporation of India
- 5.

Answer : IARI, New Delhi

- Question No. 96

Which one of the following is not a plant hormone ?

Options :

1. Auxin
2. A.B.A.
3. N.A.
4. 2, 4-D
- 5.

Answer : N.A.

- Question No. 97

Which heavy metal was responsible for causing Minamata disease?

Options :

1. Lead
2. Cadmium
3. Mercury

4. All of these

5.

Answer : Mercury

• Question No. 98

Which instrument is used to measure the draft force by a Tractor ?

Options :

1. Volt Meter

2. Speedometer

3. Dynamo Meter

4. Ampere Meter

5.

Answer : Dynamo Meter

• Question No. 99

The cotton developed by transfer of Bt. gene in plant is named as :

Options :

1. Organic Cotton

2. Transgenic Cotton

3. Inorganic Cotton

4. None of the above

5.

Answer : Transgenic Cotton

• Question No. 100

In rice the Akiochi disease is caused due to the toxicity of _____

Options :

1. Zinc
2. Iron
3. Hydrogen sulfide
4. Phosphorus
- 5.

Answer : Hydrogen sulfide

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