

- Question No. 1

Slate is metamorphosed:

Options :

1. Sand stone
2. Lime stone
3. Mica schist
4. Shales
- 5.

Answer : Shales

- Question No. 2

The downward entry of water into the soil is known as

Options :

1. Percolation
2. Infiltration
3. Permeability
4. Seepage
- 5.

Answer : Infiltration

- Question No. 3

Which of the following is known as horizon of eluviation?

Options :

1. E

2. A2
3. AB
4. Both a and b
- 5.

Answer : Both a and b

• Question No. 4

Where is the chemical weathering of rocks is most intense ?

Options :

1. Cold regions
2. Semi-arids and arids
3. Mediterranean regions
4. Humid regions
- 5.

Answer : Humid regions

• Question No. 5

The bacterial colony is known as:

Options :

1. Mycelium
2. Spore
3. Ooze
4. Hypha
- 5.

Answer : Ooze

• Question No. 6

Which two new soil orders have been added in US Soil Taxonomy after 1975 ?

Options :

1. Histosols and Andisols
2. Histosols and Gelisols
3. Andisols and Gelisols
4. Histosols and Spodosols
- 5.

Answer : Andisols and Gelisols

- Question No. 7

Which soils favour maximum ammonia volatilization losses of fertilizer - N?

Options :

1. Acid soils
2. Water logged soils
3. Sodic soils
4. Saline soils
- 5.

Answer : Sodic soils

- Question No. 8

Crop innocuous biuret content (%) of urea for foliar spray is:

Options :

1. <2.0
2. <3.0
3. < 1.0
4. < 4.0
- 5.

Answer : < 1.0

• Question No. 9

Which of the following is the principal storage material in bacteria ?

Options :

1. Galactose
2. Glycogen
3. Starch
4. Sucrose
- 5.

Answer : Glycogen

• Question No. 10

The 'equivalent basicity' of the fertilizer Sodium nitrate is:

Options :

1. 21
2. 33
3. 29
4. 63
- 5.

Answer : 29

• Question No. 11

'Browning of cauliflower disease is attributed to the plant deficiency of the micronutrient

Options :

1. Boron

2. Copper
3. Zinc
4. molybednum
- 5.

Answer : Boron

• Question No. 12

Which of the following is most tolerant crop to soil sodicity?

Options :

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

Answer : Rice

• Question No. 13

What is the percentage of zinc in Zn-EDTA?

Options :

1. 12
2. 21
3. 33
4. 55
- 5.

Answer : 12

• Question No. 14

Most of the Indian soils are deficient in which micronutrient?

Options :

1. Zinc
2. Copper
3. Iron
4. Manganese
- 5.

Answer : Zinc

- Question No. 15

Bean common mosaic disease is caused by

Options :

1. Begomovirus
2. Potyvirus
3. Potexvirus
4. Aureusivirus
- 5.

Answer : Potyvirus

- Question No. 16

The theory of vertical resistance and horizontal resistance was proposed by:

Options :

1. Flor
2. Vanderplank
3. Clement
4. Gauman
- 5.

Answer : Vanderplank

- Question No. 17

Who coined the word 'Cell' ?

Options :

1. Robert Hook
2. Robert Brown
3. Schleiden
4. Schwan
- 5.

Answer : Robert Hook

- Question No. 18

Which of the following disease is caused by viroid

Options :

1. Bunchy top of banana
2. Tomato bunchy top
3. Papaya ring spot
4. Leaf roll of potato
- 5.

Answer : Tomato bunchy top

- Question No. 19

viroid consists of

Options :

1. DNA

2. RNA
3. DNA+ protein coat
4. RNA+ protein coat
- 5.

Answer : RNA

• Question No. 20

Diffusion of water or other solvent through a semi-permeable membrane is called

Options :

1. Diffusion
2. Imbibition
3. Osmosis
4. Absorption
- 5.

Answer : Osmosis

• Question No. 21

Enzymes are by nature:

Options :

1. Carbohydrates
2. Proteins
3. Lipids
4. Inorganic compound
- 5.

Answer : Proteins

• Question No. 22

White rust of crucifer is caused by:

Options :

1. Albugo
2. Perenospora
3. Sclerospora
4. None of the above
- 5.

Answer : Albugo

- Question No. 23

Which of the following is also known as "downy mildew fungus" ?

Options :

1. Erysiphe
2. Sclerospora
3. Taphrina
4. Urocystis
- 5.

Answer : Sclerospora

- Question No. 24

The perfect stage is not seen in:

Options :

1. Zygomycotina
2. Ascomycotina
3. Basidiomycotina
4. Deuteromycotina
- 5.

Answer : Deuteromycotina

• Question No. 25

Which one of the following mineral elements plays an important role in biological nitrogen fixation:

Options :

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

Answer : Molybdenum

• Question No. 26

In symbiotic relationship between plant and bacteria

Options :

1. Both plants and bacteria are benefitted
2. Only plants are benefitted
3. Only bacteria are benefitted
4. One is harmed and other is benefitted
- 5.

Answer : Both plants and bacteria are benefitted

• Question No. 27

Leghaemoglobin is a pigment present in:

Options :

1. Leaf tissues

2. Human blood
3. Root nodules of legumes
4. Bone marrow
- 5.

Answer : Root nodules of legumes

• Question No. 28

Which of the following is the sexual spores of fungi?

Options :

1. Chlamyospores
2. Sporangiospores
3. Zoospores
4. Zygosporangium
- 5.

Answer : Zygosporangium

• Question No. 29

Which one of the following stain is used for staining of the nematodes?

Options :

1. Lugol's solution
2. Acid-Fuchsin
3. Formaline
4. none of the above
- 5.

Answer : Acid-Fuchsin

• Question No. 30

Technology in which plants are grown without soil is known as:

Options :

1. Seed culture
2. Media culture
3. Hydroponics
4. Biotechnology
- 5.

Answer : Hydroponics

- Question No. 31

Which of the following is a nematode disease of rice ?

Options :

1. Molya
2. Ufra
3. Stubby
4. Slow decline
- 5.

Answer : Ufra

- Question No. 32

Hydrophytes are known as

Options :

1. Water plants
2. Desert plants
3. Tropical plants
4. Terrestrial plants
- 5.

Answer : Water plants

- Question No. 33

White bud of maize is due to:

Options :

1. Plant pathogen
2. Insect damage
3. Nutrient deficiency
4. Nutrient toxicity
- 5.

Answer : Nutrient deficiency

- Question No. 33

White rust is a deadly disease of:

Options :

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

Answer : Mustard

- Question No. 35

Which one is not ICAR publication ?

Options :

1. Kheti

2. Khad patrika
3. Indian farming
4. Krishi chaynika
- 5.

Answer : Khad patrika

- Question No. 36

Which fruit is also referred to as "Bathroom fruit" ?

Options :

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

Answer : Mango

- Question No. 37

Relatively more drought tolerant crop is

Options :

1. Maize
2. Bajra
3. Ragi
4. Sorghum
- 5.

Answer : Ragi

- Question No. 38

Which of the following is a frost resistance species of papaya?

Options :

1. Carica papaya
2. Carica pentagona
3. Carica candamarcensis
4. Carica cauliflora
- 5.

Answer : Carica candamarcensis

- Question No. 39

In which variety of cauliflower seed production is not possible in north-Indian plains?

Options :

1. Pusa Snowball-1
2. Pusa Synthetic
3. Pusa Deepali
4. Pusa Himjyoti
- 5.

Answer : Pusa Himjyoti

- Question No. 40

Which one is not a herbicide?

Options :

1. Proclaim
2. Diuron
3. Amiben
4. Butachlor
- 5.

Answer : Proclaim

- Question No. 41

Which is the precursor of ethylene?

Options :

1. Tryptophan
2. Violaxanthin
3. Methionine
4. None of the above
- 5.

Answer : Methionine

- Question No. 42

The most economic method of irrigation in orchard under water scarcity condition?

Options :

1. Ring system
2. Drip system
3. Sprinkler system
4. Flood system
- 5.

Answer : Drip system

- Question No. 43

Family of sweet potato is:

Options :

1. Solanaceae

2. Compositae
3. malvaceae
4. convolvulaceae
- 5.

Answer : convolvulaceae

- Question No. 44

ICRISAT is located at :

Options :

1. New Delhi
2. Bangalore
3. LUCKNOW
4. HYDERABAD
- 5.

Answer : HYDERABAD

- Question No. 45

Retting is a process associated with :

Options :

1. Jute
2. Cotton
3. Rice
4. Wheat
- 5.

Answer : Jute

- Question No. 46

Experimental design in which two experimental errors are calculated is

Options :

1. RBD
2. CRD
3. SPLIT PLOT
4. DOUBLE SPLIT PLOT
- 5.

Answer : SPLIT PLOT

- Question No. 47

Weeping jelly is due to excess of:

Options :

1. SUGAR
2. ACID
3. WATER
4. PECTIN
- 5.

Answer : ACID

- Question No. 48

Japanese arrangement of flowers is known as:

Options :

1. Morimona
2. Tatebana
3. Ikebana
4. Jiyubana
- 5.

Answer : Ikebana

- Question No. 49

Suberization is associated with:

Options :

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

Answer : Potato

- Question No. 50

Relatively more hygroscopic fertilizer is:

Options :

1. SSP
2. MOP
3. DAP
4. Urea
- 5.

Answer : Urea

- Question No. 51

Photoperiodism is a

Options :

1. Response to the Sun

2. Response to day length
3. Response to the day temperature
4. Response to light
- 5.

Answer : Response to day length

- Question No. 52

Which one of the following project was started in the year 1948?

Options :

1. CDP
2. Marthandam
3. Gurgaon
4. Etawah pilot
- 5.

Answer : Etawah pilot

- Question No. 53

Kisan Sahayak concept came out from

Options :

1. Community Development
2. Training and visit programme
3. Integrated rural development programme
4. Intensive agriculture district programme
- 5.

Answer : Training and visit programme

- Question No. 54

Which of these resistances is contributing maximum to the gas exchange in leaves?

Options :

1. Stomatal resistance
2. Mesophyll resistance
3. Boundary layer resistance
4. Laminal resistance
- 5.

Answer : Stomatal resistance

- Question No. 55

Whole Family Principle is a:

Options :

1. Principle of Extension Education
2. Objective of Extension Education
3. Philosophy of Extension Education
4. Scope of Extension Education
- 5.

Answer : Principle of Extension Education

- Question No. 56

The carbon dioxide concentration in the atmosphere is:

Options :

1. Constant
2. Rising
3. decreasing
4. none of the above
- 5.

Answer : Rising

- Question No. 57

Learning by doing and seeing is believing

Options :

1. Kisan Mela
2. Rural market
3. Demonstration
4. Picture
- 5.

Answer : Demonstration

- Question No. 58

Which of the following hormones is associated with the reduction of plant growth?

Options :

1. Gibberellic acid
2. IAA
3. Cycocel
4. Abscissic acid
- 5.

Answer : Cycocel

- Question No. 59

Which one is not the component of programme planning?

Options :

1. Evaluation

2. Interest
3. Need
4. Useful technology
- 5.

Answer : Evaluation

- Question No. 60

Which one is not related with 4-H club?

Options :

1. Hand
2. Heart
3. Head
4. Home
- 5.

Answer : Home

- Question No. 61

IADP was launched to have higher production of crops in the area of:

Options :

1. Assured irrigation
2. Fallow land
3. Multiple cropping
4. Rainfed condition
- 5.

Answer : Multiple cropping

- Question No. 62

Psychology is the science of

Options :

1. Culture
2. Soul
3. Society
4. None of the above
- 5.

Answer : Soul

- Question No. 63

Which one is most effective to/motivate for adoption of an innovation?

Options :

1. Kisan mela
2. Change agent
3. Contact farmer
4. Lecture
- 5.

Answer : Change agent

- Question No. 64

Which one is not the component communication?

Options :

1. Source
2. Overtime
3. Receiver
4. Channel
- 5.

Answer : Overtime

- Question No. 65

Demonstration conducted by research workers in farmers' field is known as:

Options :

1. Research demonstration
2. Result demonstration
3. Method demonstration
4. Front line demonstration
- 5.

Answer : Front line demonstration

- Question No. 66

Soil property not alterable by tillage:

Options :

1. Structure
2. Texture
3. Infiltration
4. none of the above
- 5.

Answer : Texture

- Question No. 67

Wolf apple is the common name of

Options :

1. Potato

2. Tomato
3. Muskmelon
4. Brinjal
- 5.

Answer : Tomato

- Question No. 68

Milk is an excellent source of

Options :

1. Iron and copper
2. Sodium and potassium
3. Calcium and phosphorus
4. Zinc and manganese
- 5.

Answer : Calcium and phosphorus

- Question No. 69

Eugenol is the important chemical content of:

Options :

1. Nutmeg
2. Clove
3. Candamom
4. All of the above
- 5.

Answer : All of the above

- Question No. 70

Which plant is used for control of blood pressure?

Options :

1. Isabgol
2. Mulathi
3. Vicna
4. Cinchona
- 5.

Answer : Vicna

- Question No. 71

Milk fat in ice cream should not be less than:

Options :

1. 8%
2. 10%
3. 12.5%
4. 12%
- 5.

Answer : 10%

- Question No. 72

Winter banana is a variety of

Options :

1. Mango
2. Apple
3. Pear
4. Banana
- 5.

Answer : Apple

- Question No. 73

Chhena of better quality is prepared from

Options :

1. Cow milk
2. Goat milk
3. Mixed milk
4. Buffalo milk
- 5.

Answer : Cow milk

- Question No. 74

On an average, the total solids in buffalo milk is:

Options :

1. 15 %
2. 16 %
3. 17 %
4. 18 %
- 5.

Answer : 17 %

- Question No. 75

On an average, the fat content in Cheddar cheese is:

Options :

1. 32%

2. 35%
3. 38%
4. 40%
- 5.

Answer : 32%

• Question No. 76

The normal titratable acidity in fresh cow milk is :

Options :

1. 0.12 %
2. 0.15 %
3. 0.17%
4. 0.2%
- 5.

Answer : 0.15 %

• Question No. 77

Lactose can be manufactured from:

Options :

1. Sugarcane
2. Sugarbeet
3. Soy milk
4. Milk
- 5.

Answer : Milk

• Question No. 78

Currently, most commonly used milk packaging materials in India is:

Options :

1. Bottle
2. Pouches
3. Tetrapack
4. Carton
- 5.

Answer : Pouches

- Question No. 79

NDDDB was established with the objective of taking up the activity of

Options :

1. Dairy education
2. Dairy research
3. Dairy development
4. Dairy extension
- 5.

Answer : Dairy development

- Question No. 80

Income elasticity for normal goods is:

Options :

1. Zero
2. Positive
3. Negative
4. Infinite
- 5.

Answer : Positive

- Question No. 81

Oxidized Flavor development in milk is catalyzed by:

Options :

1. Vitamin C
2. Riboflavin
3. Manganese
4. Copper
- 5.

Answer : Copper

- Question No. 82

Vacreation is most commonly used in the pasteurization of:

Options :

1. Milk
2. Cream
3. Ice cream mix
4. Flavoured milk
- 5.

Answer : Cream

- Question No. 83

If $IMC = 0$, the consumption function will be:

Options :

1. Horizontal shaped

2. Vertical shaped
3. Both a and b
4. None of the above
- 5.

Answer : Horizontal shaped

- Question No. 84

Giffin goods refers to

Options :

1. Stock of goods
2. Inferior goods
3. Superior goods
4. Lack of goods
- 5.

Answer : Inferior goods

- Question No. 85

As per BIS standard, pasteurized milk should have standard plate count not exceeding

Options :

1. 20000/ml
2. 30000/ml
3. 40000/ml
4. 50000/ml
- 5.

Answer : 30000/ml

- Question No. 86

According to Law of diminishing return, the optimum profit will be at the point where:

Options :

1. $MP > AP$
2. $MP < AP$
3. $MP = AP$
4. $MC = MP$
- 5.

Answer : $MC = MP$

- Question No. 87

Dihybrid ratio 9:3:3:1 in F₂ results due to independent assortment of :

Options :

1. Genes
2. Chromosomes
3. Genes and chromosomes
4. Alleles
- 5.

Answer : Chromosomes

- Question No. 88

Speculative demand depends on

Options :

1. Income
2. Profit
3. Interest rate
4. Autonomous
- 5.

Answer : Interest rate

- Question No. 89

Correct name of father of genetics is

Options :

1. Gregor mendel
2. Gregor john mendel
3. Gregor johann mendel
4. Gregor johan mendel
- 5.

Answer : Gregor johann mendel

- Question No. 90

Demographic transition theory of population was proposed by

Options :

1. JA Schumpeter
2. Malthus
3. FA Walker
4. C Blacker
- 5.

Answer : C Blacker

- Question No. 91

Keynes' is associated with

Options :

1. Seasonal unemployment

2. Frictional unemployment
3. Structural unemployment
4. Cyclical unemployment
- 5.

Answer : Cyclical unemployment

- Question No. 92

The ultimate source of production of organic compound:

Options :

1. Leucoplast
2. Protoplast
3. Chloroplast
4. Chromoplast
- 5.

Answer : Chloroplast

- Question No. 93

Price theory is the part of:

Options :

1. Micro economics
2. Macro economics
3. Farm management
4. Marketing
- 5.

Answer : Micro economics

- Question No. 94

The common syndrome or Managoliam idiocy is also known as:

Options :

1. Down syndrome
2. Edward syndrome
3. Pataiu's syndrome
4. Kinefelter's syndrom
- 5.

Answer : Down syndrome

- Question No. 95

Lines passing through the least cost points in the isoquant map is called:

Options :

1. Iso line
2. Ridge line
3. Expansion path
4. Isoquant curve
- 5.

Answer : Expansion path

- Question No. 96

The main objective of plant breeding is:

Options :

1. DOMESTICATION
2. IMPROVEMENT
3. COLLECTION
4. None of these
- 5.

Answer : IMPROVEMENT

- Question No. 97

Adventitious embryony occurs in:

Options :

1. Mango
2. Guava
3. Banana
4. Jack fruit
- 5.

Answer : Mango

- Question No. 98

The branch of biology developed to study chromosomes and its application in genetics is known as:

Options :

1. CYTOLOGY
2. NUCLEAR GENETICS
3. CYTOGENETICS
4. CYTOPLASMIC GENETICS
- 5.

Answer : CYTOGENETICS

- Question No. 99

Which test is used to test the significance OF THE DIFFERENCE BETWEEN TWO MEANS?

Options :

1. T-test

2. F-test
3. Z-test
4. Chi-square test
- 5.

Answer : Z-test

- Question No. 100

Indian Lac Research Institute is located at :

Options :

1. DEHRADUN
2. LUCKNOW
3. KANPUR
4. RANCHI
- 5.

Answer : RANCHI

- Question No. 101

CONTINUOUS variation occurs in a population due to:

Options :

1. Multiple alleles
2. Major genes
3. Modifying genes
4. Polygenes
- 5.

Answer : Polygenes

- Question No. 102

Mean deviation is least when calculated about:

Options :

1. Arithmetic mean
2. Median
3. Mode
4. Geometric mean
- 5.

Answer : Median

- Question No. 103

Production is a function of:

Options :

1. Profit
2. Factor
3. Price
4. Cost
- 5.

Answer : Factor

- Question No. 104

In which of the following stage cell cycle DNA replication take place?

Options :

1. G1 phase
2. G2 phase
3. S-phase
4. Prophase
- 5.

Answer : S-phase

- Question No. 105

The bright yellow colour of the labels the insecticide container indicates that product is:

Options :

1. Extremely toxic
2. Very toxic
3. Moderately toxic
4. Relatively safe
- 5.

Answer : Very toxic

- Question No. 106

Most effective induced mutagenic agents is

Options :

1. Gamma radiations
2. X-ray
3. UV rays
4. Neutrons
- 5.

Answer : X-ray

- Question No. 107

Grubs of *Holotrichia consanguinea* feed on

Options :

1. Roots

2. Leaves
3. Fruits
4. Flowers
- 5.

Answer : Roots

- Question No. 108

Idioscopus niveosparsus is pest of:

Options :

1. Radish
2. Mango
3. Sugarcane
4. Paddy
- 5.

Answer : Mango

- Question No. 109

Major genes are responsible for

Options :

1. Population resistance
2. Synthetic resistance
3. Vertical resistance
4. Horizontal resistance
- 5.

Answer : Vertical resistance

- Question No. 110

On brinjal crop, malathion 50 EC is sprayed in the concentration of:

Options :

1. 1 %
2. 0.05 %
3. 0.5 %
4. 0.2 %
- 5.

Answer : 0.05 %

- Question No. 111

Propodeum is found in the insect belonging to the sub-order:

Options :

1. Symphyta
2. Apocrita
3. Polyphaga
4. Adepaga
- 5.

Answer : Apocrita

- Question No. 112

Which one of the following is an insect?

Options :

1. Gray fish
2. Dog fish
3. Silver fish
4. Star fish
- 5.

Answer : Silver fish

- Question No. 113

Central Silk Board is situated at:

Options :

1. Banglore
2. Mysore
3. Mumbai
4. Kolkata
- 5.

Answer : Banglore

- Question No. 114

Whorled type of antenna is found in:

Options :

1. Male mango mealy bug
2. Cockroach
3. Pulse beetle
4. Rice weevil
- 5.

Answer : Male mango mealy bug

- Question No. 115

Which one of the following hormones sclerotizes the newly formed cuticle?

Options :

1. Juvenile hormone

2. Bursican
3. Prothoracic gland hormone
4. Ecdysone
- 5.

Answer : Bursican

• Question No. 116

Which one of the following is red in the adult of red hairy caterpillar?

Options :

1. Anal margin of forewing
2. Outer margin of the forewing
3. Costal margin of forewing
4. Tarsi
- 5.

Answer : Costal margin of forewing

• Question No. 117

Which country is the highest producer of lac?

Options :

1. India
2. China
3. USA
4. Pakistan
- 5.

Answer : India

• Question No. 118

Khaira disease of rice is caused by deficiency of

Options :

1. Zinc
2. Iron
3. Copper
4. Manganese
- 5.

Answer : Zinc

- Question No. 119

Golden rice is rich in:

Options :

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

Answer : Vitamin A

- Question No. 120

NBPGR is located at

Options :

1. New delhi
2. Lucknow
3. Kanpur
4. Banglore
- 5.

Answer : New delhi

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