

• Question No. 1

The most critical stage for irrigation in wheat is:

**Options :**

1. CRI
2. Tillering
3. Leaf jointing
4. Dough
- 5.

Answer : CRI

• Question No. 2

*Zea mays indentata* is:

**Options :**

1. Pop corn
2. Flint corn
3. Pod corn
4. Dent corn
- 5.

Answer : Dent corn

• Question No. 3

Rainfall during flowering in pigeonpea causes

**Options :**

1. Better pod development
2. Better pollination

3. Poor pollination and poor pod development
4. Better resistance to insect/pests
- 5.

Answer : Poor pollination and poor pod development

• Question No. 4

Green ear disease of pearl millet is caused by

**Options :**

1. Peronospora parasitica
2. Plasmopara viticola
3. Pseudoperonospora cubanensis
4. Sclerospora graminicola
- 5.

Answer : Sclerospora graminicola

• Question No. 5

The critical limit for NO<sub>3</sub>-N (mg/litre) in drinking water (as per WHO standard is:

**Options :**

1. 5
2. 10
3. 15
4. 20
- 5.

Answer : 10

• Question No. 6

Seed potato dormancy is broken by:

**Options :**

1. Ethral
2. Thiourea
3. IAA
4. NAA
- 5.

Answer : Thiourea

• Question No. 7

Necrotic streak in flag leaf of wheat is due to the deficiency of:

**Options :**

1. Zn
2. B
3. Mn
4. Cu
- 5.

Answer : Cu

• Question No. 8

1000 - seed weight of Phalaris minor is:

**Options :**

1. 40 g
2. 22 g
3. 4 g
4. 2 g
- 5.

Answer : 2 g

- Question No. 9

A neem product used as insect repellent is:

**Options :**

1. Rotenone
2. Parathion
3. Endrin
4. Azadirachtin
- 5.

Answer : Azadirachtin

- Question No. 10

Central Agmark Laboratory is located at:

**Options :**

1. Mumbai
2. Delhi
3. Nagpur
4. Faridabad
- 5.

Answer : Nagpur

- Question No. 11

Which is not a short day plant?

**Options :**

1. Wheat
2. Rice
3. Maize

4. Sorghum

5.

Answer : Wheat

• Question No. 12

Who proposed law of minimum?

**Options :**

1. Wilcox

2. Blackman

3. Justus Von Liebig

4. Mistscherlich

5.

Answer : Justus Von Liebig

• Question No. 13

The term Agronomy is derived from

**Options :**

1. Latin

2. Greek

3. American

4. Indian

5.

Answer : Greek

• Question No. 14

Raising of the re-growth obtained from roots of stalks after harvest of a crop is termed as:

**Options :**

1. Ratoon crop
2. Sole crop
3. Sub crop
4. Main crop
- 5.

Answer : Ratoon crop

• Question No. 15

Any quantity worked out based on sample data is known as:

**Options :**

1. Estimate
2. Value
3. Parameter
4. Error
- 5.

Answer : Estimate

• Question No. 16

The fungi used as a biocontrol agent of plant diseases is:

**Options :**

1. Beauveria bassiana
2. Verticillium lacani
3. Trichoderma harzanium
4. Metarrhizium anisopliae
- 5.

Answer : Trichoderma harzanium

- Question No. 17

The factor for conversion of ppm to kg/ha is:

**Options :**

1. 2.29
2. 2.24
3. 1.20
4. 0.882
- 5.

Answer : 2.24

- Question No. 18

Particle density of soil is always \_\_\_\_\_ bulk density in cultivated soil.

**Options :**

1. Less than
2. Equal to
3. Less or equal
4. Greater than
- 5.

Answer : Greater than

- Question No. 19

Which of the following diseases is associated with invention of Bordeaux mixture?

**Options :**

1. Downey mildew of grape
2. Downey mildew of pearl millet
3. Downey mildew of apple

4. Downey mildew of onion

5.

Answer : Downey mildew of grape

• Question No. 20

The longest day of the year is:

**Options :**

1. 23 March

2. 21 June

3. 21 December

4. 23 September

5.

Answer : 21 June

• Question No. 21

Most of the gaseous interchange in soil occurs by

**Options :**

1. Uptake

2. Diffusion

3. Mass flow

4. Interception

5.

Answer : Diffusion

• Question No. 22

Tetrazolium test is used to determine:



**Options :**

1. Seed purity
2. Seed quality
3. Seed germination
4. Seed viability
- 5.

Answer : Seed viability

• Question No. 23

Red color of soil is associated with

**Options :**

1. Silica
2. Calcium
3. Lime
4. Iron oxide
- 5.

Answer : Iron oxide

• Question No. 24

Photosynthetically active radiation ( $\mu\text{m}$ ) is:

**Options :**

1. 0.1 - 0
2. 0.4 - 0.7
3. 1.0 - 4.0
4. 4.0 - 7.0
- 5.

Answer : 0.4 - 0.7

- Question No. 25

The rate of decrease of temperature with height is known as:

**Options :**

1. Lapse rate
2. Wet inversion
3. Dry inversion
4. Inversion
- 5.

Answer : Lapse rate

- Question No. 26

Parts per million (ppm) is equal to

**Options :**

1. mg/g
2. g/kg
3. mg/kg
4. mg/mg
- 5.

Answer : mg/kg

- Question No. 27

Cultivated wheat in India belongs to:

**Options :**

1. Winter wheat
2. Autumn wheat
3. Summer wheat

4. Spring wheat

5.

Answer : Spring wheat

• Question No. 28

EC of saline soils is:

**Options :**

1.  $< 2$  dS/m

2.  $> 2$  dS/m

3.  $< 4$  dS/m

4.  $> 4$  dS/m

5.

Answer :  $> 4$  dS/m

• Question No. 29

Parboiling of rice is a:

**Options :**

1. Thermal treatment

2. Chemical treatment

3. Biochemical treatment

4. None of these

5.

Answer : Thermal treatment

• Question No. 30

Which of the following trees grows well in low lying areas even in flood condition?

**Options :**

1. Subabul
2. Sisoo
3. Casuarina
4. Bamboo
- 5.

Answer : Bamboo

• Question No. 31

Unit of water use efficiency is:

**Options :**

1. Kg - ha/mm
2. Kg/ha - mm
3. kg/mm - ha
4. Hg/kg - mm
- 5.

Answer : Kg/ha - mm

• Question No. 32

Green manure crop suitable for alkaline and water logged soil is

**Options :**

1. Dhaincha
2. Sunnhemp
3. Guar
4. Cowpea
- 5.

Answer : Dhaincha

- Question No. 33

Formation of deep cracks is the characteristics feature of:

**Options :**

1. Afisol
2. Vertisol
3. Entisol
4. Mollisol
- 5.

Answer : Vertisol

- Question No. 34

The proportion of area under different crops at a point of time in a region is called:

**Options :**

1. Crop rotation
2. Cropping system
3. Cropping pattern
4. Intercropping
- 5.

Answer : Cropping pattern

- Question No. 35

Maize is generally not grown in

**Options :**

1. Gujarat
2. Kerala
3. Maharashtra

4. Uttar Pradesh

5.

Answer : Kerala

- Question No. 36

The average land holding of a marginal farmer in India is

**Options :**

1. < 0.5 ha

2. < 1.0 ha

3. 1 - 2 ha

4. 2 - 4 ha

5.

Answer : < 1.0 ha

- Question No. 37

The rotation intensity of rice-wheat-rice-fallow rotation will be:

**Options :**

1. 133 %

2. 150 %

3. 166 %

4. 200 %

5.

Answer : 150 %

- Question No. 38

Soils with high pH are generally deficient in:

**Options :**

1. B & Fe
2. Zn & Mn
3. Mo
4. Ca & Mg
- 5.

Answer : Mo

• Question No. 39

The door of Stevenson screen faces the direction

**Options :**

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

Answer : North

• Question No. 40

Among the following cereals, which has the lowest protein content:

**Options :**

1. Wheat
2. Rice
3. Maize
4. Sorghum
- 5.

Answer : Rice

- Question No. 41

Among the followings, which textural class has the lowest sand content?

**Options :**

1. Loam
2. Silt loam
3. Sandy loam
4. Loamy sand
- 5.

Answer : Silt loam

- Question No. 42

Which crop does not contribute to food grain production?

**Options :**

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

Answer : Soybean

- Question No. 43

The ratio of organic carbon to organic matter in soil is

**Options :**

1. 1 : 1.824
2. 1 : 1.724
3. 1 : 1.624



4. 1 : 1.524

5.

Answer : 1 : 1.724

- Question No. 44

Japonica species of rice is grown in

**Options :**

1. Sri Lanka
2. Japan
3. Indonesia
4. Malaysia
- 5.

Answer : Japan

- Question No. 45

In conservation tillage, the minimum land surface covered by crop residues is

**Options :**

1. 20%
2. 30%
3. 90%
4. 100%
- 5.

Answer : 30%

- Question No. 46

Which is non - monetary input?

**Options :**

1. Fertilizer
2. Chemical weed control
3. Irrigation
4. Timely inputs application
- 5.

Answer : Timely inputs application

• Question No. 47

The use of synthetic chemicals is prohibited in

**Options :**

1. Organic farming
2. Integrated farming
3. Intensive farming
4. Conservation farming
- 5.

Answer : Organic farming

• Question No. 48

False smut is a disease of

**Options :**

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

Answer : Rice

- Question No. 49

Brassica juncea is the botanical name of

**Options :**

1. Rai
2. Taramira
3. Mustard
4. Toria
- 5.

Answer : Mustard

- Question No. 50

Pusa Jai Kisan (Bio-902) is a variety of

**Options :**

1. Mustard
2. Tomato
3. Brinjal
4. Safflower
- 5.

Answer : Mustard

- Question No. 51

Jute fibre is obtained from

**Options :**

1. Xylem
2. Secondary phloem
3. Parenchyma

4. Leaves

5.

Answer : Secondary phloem

- Question No. 52

One bale of jute is

**Options :**

1. 170 kg

2. 180 kg

3. 190 kg

4. 200 kg

5.

Answer : 180 kg

- Question No. 53

The process in tobacco is performed after harvesting

**Options :**

1. Topping

2. Curing

3. Nipping

4. De-suckering

5.

Answer : Curing

- Question No. 54

Water requirement is equal to

**Options :**

1. IR + S
2. ER + S
3. IR + ER + S
4. ER + S + T
- 5.

Answer : IR + ER + S

• Question No. 55

Which is not a high salt tolerant crop?

**Options :**

1. Barley
2. Cotton
3. Field bean
4. Sugarbeet
- 5.

Answer : Field bean

• Question No. 56

Mulches generally minimize

**Options :**

1. Evaporation
2. Transpiration
3. Organic matter supply
4. Absorption of moisture
- 5.

Answer : Evaporation

- Question No. 57

Nitrogen supplied by 400 kg of DAP is

**Options :**

1. 192 kg
2. 80 kg
3. 72 kg
4. 48 kg
- 5.

Answer : 72 kg

- Question No. 58

The 17th nutrient added to the list of essential elements is

**Options :**

1. Nickel
2. Boron
3. Chlorine
4. Molybdenum
- 5.

Answer : Nickel

- Question No. 59

Soil water potential at permanent wilting point is

**Options :**

1. -0.1 to -0.3 bar
2. -15 bar
3. -33 bar

4. -60 bar

5.

Answer : -15 bar

- Question No. 60

Strictly self pollinating crop is

**Options :**

1. Maize

2. Rice

3. Castor

4. Bajra

5.

Answer : Rice

- Question No. 61

Which is not a timber yielding tree species?

**Options :**

1. Sisoo

2. Rose wood

3. Teak

4. Subabul

5.

Answer : Subabul

- Question No. 62

Triticale is interspecific hybrid of

**Options :**

1. Wheat & rye
2. Wheat & rice
3. Rice & maize
4. Wheat & maize
- 5.

Answer : Wheat & rye

• Question No. 63

The CO<sub>2</sub> receptor in C<sub>3</sub> plants is

**Options :**

1. P<sub>i</sub>
2. PEP
3. RUBP
4. None
- 5.

Answer : RUBP

• Question No. 64

Higher soil pH increases the availability

**Options :**

1. Zn
2. Mn
3. Fe
4. Mo
- 5.

Answer : Mo



- Question No. 65

Species least suitable for agroforestry system in dry land is

**Options :**

1. Terminalia arjuna
2. Subabul
3. Acacia tortilis
4. Zizyphus mauritania
- 5.

Answer : Terminalia arjuna

- Question No. 66

If grain and straw yields are 4 and 6 t/ha, respectively, the harvest index will be

**Options :**

1. 33%
2. 40%
3. 60%
4. 67%
- 5.

Answer : 40%

- Question No. 67

In field experimentation, local control is a device to maintain

**Options :**

1. Homogeneity between blocks
2. Homogeneity within blocks
3. Homogeneity within plots

4. Both (a) & (b)

5.

Answer : Homogeneity within blocks

• Question No. 68

The maximum error degrees of freedom for same number of treatments and replication of an experiment can be achieved in

**Options :**

1. CRD

2. RBD

3. LSD

4. SPD

5.

Answer : CRD

• Question No. 69

Total geographical area (mha) of India

**Options :**

1. 128.8

2. 228.8

3. 328.8

4. 428.8

5.

Answer : 328.8

• Question No. 70

The land use system involving trees combined with crops and/or animals is called

**Options :**

1. Social forestry
2. Farm forestry
3. Sustainable forest development
4. Agroforestry
- 5.

Answer : Agroforestry

• Question No. 71

Under conservation tillage soil aggregates stability (%) increases because of

**Options :**

1. Low dehydrogenase activity
2. Higher glomalin production
3. Low glomalin production
4. Glycoprotein other than glomalin production
- 5.

Answer : Higher glomalin production

• Question No. 72

Non-Selective, foliage active contact herbicide is

**Options :**

1. Trifluralin
2. Paraquat
3. Alachlor
4. Glyphosate
- 5.

Answer : Paraquat

- Question No. 73

2, 4-D is selective herbicide for

**Options :**

1. Groundnut
2. Sesame
3. Cotton
4. Wheat
- 5.

Answer : Wheat

- Question No. 74

The fruit of mustard is called

**Options :**

1. Capsule
2. Earhead
3. Siliqua
4. Pods
- 5.

Answer : Siliqua

- Question No. 75

Which is a C<sub>4</sub> plant?

**Options :**

1. Wheat
2. Sugarcane
3. Maize

4. Sorghum

5.

Answer : Wheat

- Question No. 76

Photorespiration involves

**Options :**

1. Kreb's cycle
2. Calvin Cycle
3. Glycolate cycle
4. CAM cycle
- 5.

Answer : Glycolate cycle

- Question No. 77

Protein content of soybean grain is

**Options :**

1. 35%
2. 40%
3. 45%
4. 50%
- 5.

Answer : 40%

- Question No. 78

Major rainfed wheat zone is:

**Options :**

1. Central zone
2. Peninsular zone
3. North western
4. North eastern zone
- 5.

Answer : Central zone

• Question No. 79

Indian grassland and fodder Research Institute is located at

**Options :**

1. Jodhpur
2. Jhansi
3. Dehradun
4. Jorhat
- 5.

Answer : Jhansi

• Question No. 80

In conservation tillage, the minimum land surface covered by crop residues is

**Options :**

1. 20%
2. 30%
3. 90%
4. 100%
- 5.

Answer : 30%

- Question No. 81

Water logging in soil favors production of

**Options :**

1. Ethylene
2. Methane
3. CFC
4. Oxygen EDTA
- 5.

Answer : Methane

- Question No. 82

Isoproturon belongs to the group

**Options :**

1. Ureas
2. Aliphatics
3. Amides
4. Nitriles
- 5.

Answer : Ureas

- Question No. 83

Which is not true for urea?

**Options :**

1. Synthetic
2. Organic compound
3. Low solubility

4. Straight fertilizer

5.

Answer : Low solubility

• Question No. 84

The recommended dose of sulphosulfuron for wheat is:

**Options :**

1. 25 g/ha

2. 100 g/ha

3. 250 g/ha

4. 500 g/ha

5.

Answer : 25 g/ha

• Question No. 85

Apical dominance in plants is due to the presence of

**Options :**

1. Cytokinin

2. Auxin

3. Ethylene

4. GA

5.

Answer : Auxin

• Question No. 86

Sugarbeet belongs to family



**Options :**

1. Malvaceae
2. Papilionaceae
3. Poaceae
4. Chenopodiaceae
- 5.

Answer : Chenopodiaceae

• Question No. 87

The C : N ratio of ideal soil

**Options :**

1. 10 : 1
2. 15 : 1
3. 20 : 1
4. 25 : 1
- 5.

Answer : 10 : 1

• Question No. 88

The mid season correction is a practice of

**Options :**

1. Sowing of different crop
2. Thinning and leaf removal
3. Transplanting of same crop
4. Re - sowing of same crop
- 5.

Answer : Thinning and leaf removal

- Question No. 89

Which of the following groups is of pre-emergence herbicides?

**Options :**

1. Fluchloralin and metribuzin
2. MSM and pendimethalin
3. Alachlor and pendimethalin
4. Dalapon and isoproturon
- 5.

Answer : Alachlor and pendimethalin

- Question No. 90

VAM improves mainly the uptake of

**Options :**

1. Mo
2. P
3. K
4. N
- 5.

Answer : P

- Question No. 91

Which one is not the criterion of SRI?

**Options :**

1. Dense planting
2. Single seeding per hill
3. Irrigation at hair line cracks

4. Use of young seedlings

5.

Answer : Dense planting

• Question No. 92

Flavor of lemon grass is due to

**Options :**

1. Geraniol

2. Menthol

3. Citral

4. Agallol

5.

Answer : Citral

• Question No. 93

Dwarfing gene in rice was taken from

**Options :**

1. Proteina

2. Nif gene

3. Norin

4. Dee-geo-woo-gen

5.

Answer : Dee-geo-woo-gen

• Question No. 94

The double zero type variety belongs to

**Options :**

1. Mustard
2. Sorghum
3. Barley
4. Linseed
- 5.

Answer : Mustard

• Question No. 95

Quality protein maize is rich in

**Options :**

1. Lysine
2. Cysteine
3. Methionine
4. Gluten
- 5.

Answer : Lysine

• Question No. 96

Which crop has hypogeal germination?

**Options :**

1. Soybean
2. Groundnut
3. Black gram
4. Pigeon pea
- 5.

Answer : Pigeon pea

- Question No. 97

Water shoot pertain to

**Options :**

1. Cotton
2. Rice
3. Maize
4. Sugarcane
- 5.

Answer : Sugarcane

- Question No. 98

Reproductive phase of rice begins with

**Options :**

1. Tillering
2. Heading
3. Anthesis
4. Panicle initiation
- 5.

Answer : Panicle initiation

- Question No. 99

Sorghum forage poisoning is caused by

**Options :**

1. HCN
2. Oxalic acid
3. Humic acid

4. GA

5.

Answer : HCN

- Question No. 100

The ICRAF headquarter is located at

**Options :**

1. Nairobi

2. Jakarta

3. Rome

4. Bangkok

5.

Answer : Nairobi

- Question No. 101

The state having highest forest area is

**Options :**

1. Karnataka

2. Madhya Pradesh

3. Sikkim

4. Uttar Pradesh

5.

Answer : Madhya Pradesh

- Question No. 102

Common bread wheat ( $2n = 42$ ) is

**Options :**

1. Hexaploid
2. Tetraploid
3. Diploid
4. Triploid
- 5.

Answer : Hexaploid

• Question No. 103

A nitrogen fixing blue green algae is

**Options :**

1. Klebselia
2. Rhizobium
3. Anabaena
4. Spirogyra
- 5.

Answer : Anabaena

• Question No. 104

The use of saline water of wells with canal water is called

**Options :**

1. Consumptive use of water
2. Mixed use of water
3. Conjunctive use of water
4. None of these
- 5.

Answer : Conjunctive use of water

- Question No. 105

Sowing time of most of the kharif crops is generally

**Options :**

1. June - July
2. January - February
3. April - May
4. October – November
- 5.

Answer : June - July

- Question No. 106

Queen of cereals is

**Options :**

1. Wheat
2. Rice
3. Maize
4. Sorghum
- 5.

Answer : Maize

- Question No. 107

The inflorescence of sunflower is called

**Options :**

1. Panicle
2. Arrow
3. Capitulum



4. Siliqua

5.

Answer : Capitulum

- Question No. 108

The botanical name of spear mint is

**Options :**

1. Mentha arvensis

2. Mentha piperata

3. Mentha spicata

4. Mentha asiatica

5.

Answer : Mentha spicata

- Question No. 109

An underground stem of potato is known as

**Options :**

1. Tubers

2. Rhizomes

3. Pseudo - stem

4. Pseudo – roots

5.

Answer : Tubers

- Question No. 110

A minor irrigation project covers an area of

**Options :**

1. < 2000 ha
2. 3000 – 4000 ha
3. 5000 to 6000 ha
4. 7000 – 8000 ha
- 5.

Answer : < 2000 ha

• Question No. 111

Maize is generally not grown in

**Options :**

1. Gujarat
2. Kerala
3. Maharashtra
4. Uttar Pradesh
- 5.

Answer : Kerala

• Question No. 112

Which is not a short day plant?

**Options :**

1. Rice
2. Sorghum
3. Maize
4. Wheat
- 5.

Answer : Wheat

- Question No. 113

Ozone depletion is caused by

**Options :**

1. CO<sub>2</sub>
2. O<sub>3</sub>
3. CH<sub>4</sub>
4. CFC
- 5.

Answer : CFC

- Question No. 114

Water movement in a saturated soil is governed by

**Options :**

1. Fick's law
2. Motion law
3. Darcy's law
4. Stock's law
- 5.

Answer : Darcy's law

- Question No. 115

Dapog method of nursery raising is followed in

**Options :**

1. Bajra
2. Onion
3. Paddy

4. Tobacco

5.

Answer : Paddy

- Question No. 116

Water held by surface tension is called

**Options :**

1. Matrix water
2. Capillary water
3. Hygroscopic water
4. Gravitational water
- 5.

Answer : Capillary water

- Question No. 117

Scheduling of irrigation depends decides

**Options :**

1. Time of irrigation
2. Quality of irrigation
3. Quantity of irrigation
4. Time and quantity of irrigation
- 5.

Answer : Time and quantity of irrigation

- Question No. 118

World Environment Day celebrated every year on

**Options :**

1. 1 May
2. 11 July
3. 16 October
4. 5 June
- 5.

Answer : 5 June

• Question No. 119

Poisonous alkaloid in castor seed is

**Options :**

1. NO<sub>2</sub>
2. Saponin
3. Oxalate
4. Ricin
- 5.

Answer : Ricin

• Question No. 120

To bring soil moisture to field capacity, the amount of water applied is called

**Options :**

1. Deficit irrigation
2. Net irrigation
3. Gross irrigation
4. Full irrigation
- 5.

Answer : Net irrigation

- Question No. 121

Nipping in chickpea is practiced to

**Options :**

1. Increase lateral branching
2. Decrease root length
3. Decrease maturity period
4. Increase shoot length
- 5.

Answer : Increase lateral branching

- Question No. 122

1000 seed weight of Phalaris minor is

**Options :**

1. 2 g
2. 4 g
3. 22 g
4. 40 g
- 5.

Answer : 2 g

- Question No. 123

Jute prefer to grow in

**Options :**

1. Cold and arid climate
2. Warm and semi arid climate
3. Warm and humid climate

4. Cold and humid climate

5.

Answer : Warm and humid climate

- Question No. 124

A non selective translocated herbicide is

**Options :**

1. Dicamba

2. Glyphosate

3. Paraquat

4. Diquat

5.

Answer : Glyphosate

- Question No. 125

Optimum temp. for retting of jute is

**Options :**

1. 25 °C

2. 30 °C

3. 34 °C

4. 40 °C

5.

Answer : 34 °C

- Question No. 126

Sorghum root parasite is

**Options :**

1. Cuscuta
2. Striga
3. Loranthus
4. Orobanche
- 5.

Answer : Striga

• Question No. 127

Which weed has developed resistance against isoproturon?

**Options :**

1. Melilotus alba
2. Phalaris minor
3. Anagallis arvensis
4. Chenopodium album
- 5.

Answer : Phalaris minor

• Question No. 128

Pendimethalin is a

**Options :**

1. Herbicide
2. Insecticide
3. Biofertilizer
4. Herbicide safner
- 5.

Answer : Herbicide



- Question No. 129

Bradyrhizobium japonicum is recommended for seed inoculation of

**Options :**

1. Lentil
2. Moong
3. Soybean
4. Pigeonpea
- 5.

Answer : Soybean

- Question No. 130

A dose of herbicide which inhibits growth of test plants by 50% is

**Options :**

1. LC50
2. GR50
3. LD50
4. DT50
- 5.

Answer : LD50

- Question No. 131

Chlorimuron ethyl belongs to the herbicide family

**Options :**

1. Chloroacetamide
2. Sulphonyl urea
3. Thiocarbamate

4. Triazines

5.

Answer : Sulphonyl urea

- Question No. 132

Pyrazosulfuron ethyl is a

**Options :**

1. Early post emergence herbicide

2. Post emergence herbicide

3. Pre plant incorporation

4. None of them

5.

Answer : Early post emergence herbicide

- Question No. 133

Amount of DAP, which supplies 27 kg N will also supply P  $\square\square\square$  :

**Options :**

1. 49 kg

2. 59 kg

3. 69 kg

4. 79 kg

5.

Answer : 69 kg

- Question No. 134

Which of the following anaerobic microorganism fixes atmospheric nitrogen symbiotically

**Options :**

1. Azotobacter
2. Clostridium
3. Rhizospirillum
4. Rhizobium
- 5.

Answer : Rhizospirillum

• Question No. 135

Green manure crop, which produces nodules, both on stem and roots is

**Options :**

1. Sesbania rostrata
2. Agave americana
3. Croton juncea
4. None of these
- 5.

Answer : Sesbania rostrata

• Question No. 136

Match set A (crop) with set B (Herbicide)

<b>Crop</b>		<b>Herbicide</b>
i. Groundnut	:	(a) Metsulfuron
ii. Wheat	:	(b) Diuron
iii. Maize	:	(c) Imazethapyr
iv. Cotton	:	(d) Atrazine
v. Potato	:	(e) Metribuzin

**Options :**

1. i-c, ii - a, iii - d, iv - b, v-e

2. i-a, ii-b, iii-c, iv-d, v-e
3. i-d, ii-e, iii-a, iv - b, v- c
4. i-e, ii-b, iii-d, iv- c, v- a
- 5.

Answer : i-c, ii - a, iii - d, iv - b, v-e

• Question No. 137

Match set A (instrument) with set B (measured parameter)

<b>Instrument</b>	<b>Measured parameter</b>
i. Permeameter	(a) Soil moisture
ii. Thermograph	(b) Water table
iii. Pressure bomb	(c) Hydraulic conductivity
iv. Piezometer	(d) Temperature and humidity
v. TDR	(e) Leaf water potential

Options :

1. i- a, ii - b, iii - d, iv - c, v- e
2. i- c, ii - d, iii- e, iv- b, v-a
3. i-c, ii-d, iii-b, iv- e, v-a
4. i-a, ii-d, iii -e, iv-c, v-c
- 5.

Answer : i- c, ii - d, iii- e, iv- b, v-a

• Question No. 138

Match set A (parameter) with set B (unit)

<b>Parameter</b>	<b>Unit</b>
i. Soil suction force	(a) cm/hr
ii. Particle density	(b) % (per cent)
iii. Infiltration rate	(c) Mg/m <sup>3</sup>
iv. Cumulative Infiltration	(d) cm
v. Relative leaf Water content	(e) P <sup>F</sup>

**Options :**

1. i-e, ii-a, iii-c, iv-b, v-d
2. i-e, ii-c, iii-a, iv-d, v-b
3. i-a, ii-b, iii-c, iv-e, v-d
4. i-a, ii-c, iii-b, iv-d, v-e
- 5.

Answer : i-e, ii-c, iii-a, iv-d, v-b

• Question No. 139

Match set A (deficiency/disorder) with set B (remedy)

<b>Deficiency/disorder</b>	<b>Remedy</b>
i. White bud of maize	(a) Borax
ii. Whiptail of Cauliflower	(b) Ammonium molybdate
iii. Reclamation disease of cereals	(c) Copper sulphate
iv. Hollow heart of groundnut	(d) Zinc sulphate
v. Interveinal Chlorosis of Younger leaves	(e) Ferrous sulphate

**Options :**

1. i-d, ii-b, iii-c, iv-a, v-e
2. i-d, ii-b, iii-a, iv-c, v-e
3. i-b, ii-d, iii-c, iv-a, v-e

4. i-b, ii-c, iii-d, iv-a, v-e

5.

Answer : i-d, ii-b, iii-c, iv-a, v-e

- Question No. 140

Match set A with set B

**Wheat variety initial**

i. HD :  
ii. WH :  
iii. DBW :  
iv. UP :  
v. PBW :

**Related centre**

(a) HAU, Hisar  
(b) IARI, Delhi  
(c) DWR, Karnal  
(d) PAU, Ludhiana  
(e) GBUA & T, Pantnagar

Options :

1. i-c, ii-a, iii-b, iv-e, v-d

2. i-b, ii -a, iii - d, iv- c, v- e

3. i-b, ii-a, iii-c, iv-e, v-d

4. i- c, ii-a, iii-b, iv-e, v-d

5.

Answer : i-b, ii-a, iii-c, iv-e, v-d

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