

- 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 cubanesis
4. Sclerospora graminicola
- 5.

Answer : Sclerospora graminicola

• Question No. 5

The critical limit for NO₃-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 (μm) 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 CO₂ receptor in C₃ plants is

Options :

1. P_i
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 C₄ 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. CO₂
2. O₃
3. CH₄
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. NO₂
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 safener
- 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 P₂O₅ :

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)

Crop		Herbicide	
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)

Instrument	Measured parameter
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)

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

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)

Deficiency/disorder	Remedy
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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