

• Question No. 1

Who is the father of agro-meteorology in India?

Options :

1. Swamnthan
2. L A Ramdas
3. Knshnan
4. Muralknshna Nair
- 5.

Answer : L A Ramdas

• Question No. 2

Which one of the following is the error d f for a RCB experiment with six treatments replicated live times?

Options :

1. 15
2. 12
3. 20
4. 24
- 5.

Answer : 20

• Question No. 3

Which one of the following is recommended to measure water flow from a pipe?

Options :

1. Parshall flume
2. V-notch

3. Venturi meter
4. asymptotic
- 5.

Answer : Venturi meter

• Question No. 4

Which one of the following is the crop response curve to applied fertilizer?

Options :

1. quadratic
2. linear
3. hyperbolic
4. asymptotic
- 5.

Answer : quadratic

• Question No. 5

Which one of the following is most popular agro-technology evolved by ICRISAT?

Options :

1. Tie nudging
2. Graded furrow
3. Broad bed and furrow
4. Vertical mulcting
- 5.

Answer : Broad bed and furrow

• Question No. 6

Which one of the following is the water flow for one acre-inch-day?

Options :

1. 0.042 c ft/sec
2. 42 c tf/sec
3. 42 c ft/sec
4. 042 c ft/sec
- 5.

Answer : 0.042 c ft/sec

• Question No. 7

Which one of the following State is known as Rice Bowl of India?

Options :

1. Chhattisgarh
2. Andhra Pradesh
3. Uttar Pradesh
4. Kerala
- 5.

Answer : Andhra Pradesh

• Question No. 8

Which one of the following crop is commonly associated with Orabancho weed?

Options :

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

Answer : Tomato

• Question No. 9

Which one of the following is the unit value of Ammonium sulphate containing 20% and costs Rs 640/t?

Options :

1. Rs 32 kg N
2. Rs 3.2/kg N
3. Rs 320/Kg N
4. Rs 64/kg N
- 5.

Answer : Rs 3.2/kg N

• Question No. 10

The type of germination observed in pigeon pea is _____

Options :

1. Hypogeal
2. Epigeal
3. Hypoepigeal
4. Epihypogeal
- 5.

Answer : Hypogeal

• Question No. 11

Which one of the following clay mineral rich in potassium?

Options :

1. Illite
2. Vermiculite
3. Kaolinite

4. Silicate

5.

Answer : Illite

• Question No. 12

Which one of the following element responsible for pollen development?

Options :

1. Calcium

2. Nitrogen

3. Boron

4. Magnesium

5.

Answer : Boron

• Question No. 13

Which one the following is the soil water potential of ultimate witting point?

Options :

1. 0.3 bar

2. -15 bar

3. -33 bar

4. -60 bar

5.

Answer : -60 bar

• Question No. 14

Which one the following Country has largest area under drip irrigation in the world?

Options :

1. USA
2. India
3. Australia
4. Israel
- 5.

Answer : USA

• Question No. 15

Which one of the following weeds is having smallest seed size?

Options :

1. Striga
2. Achyranthus aspera
3. Eleusine coracana
4. Mesquite
- 5.

Answer : Striga

• Question No. 16

Which one of the following instrument measures Fiber fineness?

Options :

1. Micronaire
2. Digital fibrograph
3. Pressel tester
4. odometer
- 5.

Answer : Micronaire

• Question No. 17

Which one of the following primitive type of corn has less economic importance?

Options :

1. Soft corn
2. Waxy corn
3. Pod corn
4. Flint corn
- 5.

Answer : Pod corn

• Question No. 18

Which one of the following is an area of a crop commanded by one cusec flow in a season?

Options :

1. Delta
2. Duty
3. Water expense
4. Head
- 5.

Answer : Duty

• Question No. 19

Which one of the following Country has International Development Research Centre?

Options :

1. Italy
2. Canada
3. USA

4. Switzerland

5.

Answer : Canada

• Question No. 20

Which one of the following climatic region is predominant in acid soils?

Options :

1. Temperate region

2. Arid region

3. Humid region

4. Snow fall region

5.

Answer : Humid region

• Question No. 21

Who is the author of the text book on "Irrigation theory and practice"?

Options :

1. S C Panda

2. Y B Morachan

3. A M Michael

4. S R Reddy

5.

Answer : A M Michael

• Question No. 22

Which one of the following is the data distribution when mean and median values are same?

Options :

1. Poisson
2. Gamma
3. Gaussian
4. Normal
- 5.

Answer : Normal

• Question No. 23

Which one of the following annual rainfall is to practice rainfed agriculture?

Options :

1. 200 - 400 mm
2. 1150 - 2000 mm
3. 400 - 750 mm
4. 500 - 750 mm
- 5.

Answer : 1150 - 2000 mm

• Question No. 24

Which one of the following equations to calculate the discharge through an orifice?

- (a) $Q = 0.61 \times 10^{-3} a \sqrt{2} gh$
- (b) $Q = 0.0186 LH^{3/2}$
- (c) $Q = 0.16 \times 10^{-3} a \sqrt{2} gh$
- (d) $Q = 0.0138 H^{h/2}$

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : c

• Question No. 25

Which one of the following is associated with rhizosphere?

Options :

1. Root zone
2. soil depth
3. Soil-root interface
4. Microbial zone
- 5.

Answer : Root zone

• Question No. 26

Which one of the following is C: N ratio for most of the oil cakes?

Options :

1. 1:5
2. 1:30
3. 1:50
4. 1:100
- 5.

Answer : 1:5

• Question No. 27

Which one of the following correlation type when one variable increases the other tends to increase?

Options :

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

Answer : Positive

• Question No. 28

Which one of the following is the cropping intensity if the total net cultivated area is 9.0 ha and the total cropped area is 18.0 ha?

Options :

1. 50%
2. 200%
3. 150%
4. 100%
- 5.

Answer : 200%

• Question No. 29

The most suitable soil type for groundnut cultivation is _____

Options :

1. Black soil
2. Red soil

3. Clayey soil
4. Sandy loam soil
- 5.

Answer : Sandy loam soil

• Question No. 30

Which one of the following is ICAR's research repository for research management?

Options :

1. KRISHI
2. UNNATI
3. DHAN
4. SANGRAH
- 5.

Answer : KRISHI

• Question No. 31

_____ fertilizer is not recommended in potato crop.

Options :

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

Answer : MOP

• Question No. 32

Which one of the following is the number of AERs in India as per NBSS & LUP?

Options :

1. 8
2. 15
3. 20
4. 131
- 5.

Answer : 20

• Question No. 33

Which one of the following Soil crusting is a problem?

Options :

1. Vertisol
2. Alfisol
3. Inceptisol
4. Aridisol
- 5.

Answer : Vertisol

• Question No. 34

Which of the following is a winter annual weed?

Options :

1. Commelina benghalensis
2. Ageratum conizoides
3. Cassia tora
4. Chenopodium album
- 5.

Answer : Chenopodium album

- Question No. 35

Which are of the following describes the characteristics of Sedges?

Options :

1. Triangular stem tristichous leaf arrangement and absence of ligules
2. Triangular stem distichous leaf arrangement and absence of ligules
3. Cylindrical stem distichous leaf arrangement and presence of ligules
4. Cylindrical stem tristichous leaf arrangement and absence of ligules
- 5.

Answer : Triangular stem tristichous leaf arrangement and absence of ligules

- Question No. 36

Which are of the following is an introduced quarantine weed in India?

Options :

1. Solanum carolinense
2. Eichhornia crassipes
3. Lantana camara
4. Chromolaena odorata
- 5.

Answer : Solanum carolinense

- Question No. 37

Which one of the following stimulates the germination of Striga seeds?

Options :

1. MH
2. IAA
3. Ethylene

4. Gibberellin

5.

Answer : Ethylene

• Question No. 38

Which one of the following scientists coined the term allelopathy in 1937?

Options :

1. Hans Molisch

2. Rice

3. Shakney and Hoy

4. Davis

5.

Answer : Hans Molisch

• Question No. 39

Which one of the following is the first herbicide resistant weed reported in India?

Options :

1. Rumex crispus

2. Trianthema portulacastrum

3. Phalaris minor

4. Avena fatua

5.

Answer : Phalaris minor

• Question No. 40

Which one of the following is the group of herbicide affecting synthesis of amino acids like valine, leucine and isoleucine?

Options :

1. Sulfonylureas
2. Triazines
3. Dinitroaniline
4. Thiocarbamates
- 5.

Answer : Sulfonylureas

• Question No. 41

Which one of the following designs is recommended for experiments with homogeneous experimental units?

Options :

1. CRD
2. RBD
3. Split plot
4. Strip plot
- 5.

Answer : CRD

• Question No. 42

Which one of the following is the delta of crop if the duty of water for a base period of 120 days is equal to 1200 ha.?

Options :

1. 0.864 m
2. 0.648 cm
3. 0.486 m
4. 8.64 cm
- 5.

Answer : 0.864 m

- Question No. 43

Which one the following is subjected to photo-decomposition?

Options :

1. Fluchloralin
2. Butachlor
3. Orebtachlor
4. Quizalofop-ethyl
- 5.

Answer : Quizalofop-ethyl

- Question No. 44

Which are of the following is an asymmetrical triazine?

Options :

1. Metribuzin
2. Simazine
3. Ametrin
4. a and b
- 5.

Answer : a and b

- Question No. 45

Which one of the following is used for brown manuring is rice?

Options :

1. 2, 4-D

2. Bispyribac Na
3. Fenoxaprop p ethyl
4. Pretilachlor
- 5.

Answer : 2, 4-D

- Question No. 46

Which one of the following crop yields both oil and fiber?

Options :

1. Jute
2. Sunhemp
3. Linseed
4. Niger
- 5.

Answer : Linseed

- Question No. 47

How much of rainfall quantities is required in a day of 24 hours to call it a rainy day?

Options :

1. 0.5 mm or more
2. 1.0 mm or more
3. 2.5 mm or more
4. 5.0 mm or more
- 5.

Answer : 2.5 mm or more

- Question No. 48

Which one of the following defines differential moisture content at given suction during wetting and drying?

Options :

1. Heterosis
2. Sorption
3. Hysteresis
4. Desorption
- 5.

Answer : Hysteresis

- Question No. 49

Which one of the following micro-organism oxidizes nitrite to nitrate?

Options :

1. Nitrosomonas
2. Azotobacter
3. Clostridium
4. Nitrobacter
- 5.

Answer : Nitrobacter

- Question No. 50

Which one of the following is associated with Aroma is rice ?

Options :

1. 2-Actyl-1-Pyrroline
2. Erucic acid
3. Thioester
4. Linolenic acid
- 5.

Answer : 2-Actyl-1-Pyrroline

- Question No. 51

Which one of the following scientist defined the criteria of essentiality of nutrients in plants?

Options :

1. DJ Nicholas
2. Arnon and Stout
3. JS Kanwar
4. Rajendra Prasad
- 5.

Answer : Arnon and Stout

- Question No. 52

Which one of the following element is an important constituent of chlorophyll?

Options :

1. Mg
2. Zn
3. Mo
4. B
- 5.

Answer : Mg

- Question No. 53

Which one of the following is responsible for pulses to perform better after direct seeded rice than that after puddle transplanted rice?

Options :

1. Improved soil texture
2. Better soil micro nutrient status
3. Improved soil structure
4. Better soil macro nutrient status
- 5.

Answer : Improved soil structure

• Question No. 54

Mawsynram, the place with the highest rainfall in India is located in:

Options :

1. Assam
2. West Bengal
3. Meghalaya
4. Kerala
- 5.

Answer : Meghalaya

• Question No. 55

Trickle irrigation is recommended for which one of the following crops?

Options :

1. Mango
2. Coriander
3. Lucern
4. Rice
- 5.

Answer : Coriander

- Question No. 56

Which one of the following crop is otherwise known as Kenaf?

Options :

1. Mesta
2. Sunhemp
3. Agave
4. Jute
- 5.

Answer : Mesta

- Question No. 57

Which one of the following is the other parent to be crossed with Dee-Geo-woo-Gen to develop the semi-dwarf variety IR-8?

Options :

1. Jaya
2. TN-1
3. Peta
4. Vijaya
- 5.

Answer : Peta

- Question No. 58

Which one of the following is determined by Tetrazolium test?

Options :

1. Seed purity
2. Seed quality

3. Seed germination
4. Seed viability
- 5.

Answer : Seed viability

• Question No. 59

To which one of the following common bread wheat ($2n = 42$) belong:

Options :

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

Answer : Hexaploid

• Question No. 60

Photosynthetically active radiation comes under which of the following special wavelength:

Options :

1. 0.4 to 0.7 μm
2. 1.0 to 4.0 μm
3. 0.1 to 0.3 μm
4. 4.0 to 7.0 μm
- 5.

Answer : 0.4 to 0.7 μm

• Question No. 61

Which one of the following is the factor for conversion of ppm to kg/ha?

Options :

1. 2.29
2. 2.24
3. 1.20
4. 0.0862
- 5.

Answer : 2.24

• Question No. 62

Which of following fungi is not used as a bio-control agent of plant diseases?

Options :

1. Beauveria bassiana
2. Metarhizium anisopliae
3. Verticillium lecanii
4. Trichogramma sp.
- 5.

Answer : Trichogramma sp.

• Question No. 63

Which one of the following term is used when the tax rate increase with increase in the level of income and vice versa?

Options :

1. Proportional taxation
2. Digressive taxation
3. Regressive taxation
4. Progressive taxation
- 5.

Answer : Progressive taxation

- Question No. 64

Out of the following quantity, which is required to irrigate 1.0 ha land area with 50mm depth of irrigation?

Options :

1. 500 litres
2. 5000 litres
3. 50000 litres
4. 500000 litres
- 5.

Answer : 500000 litres

- Question No. 65

The ICAR was established during which of the following year:

Options :

1. 1929
2. 1949
3. 1962
4. 1972
- 5.

Answer : 1929

- Question No. 66

Which of the following is a stemless perennial sedge?

Options :

1. Palmarosa

2. Lemon grass
3. Vetiver
4. Java citronella
- 5.

Answer : Vetiver

- Question No. 67

Which of the following is ephemeral weed?

Options :

1. Amaranthus viridis
2. Phyllanthus niruri
3. Lantana camera
4. Avena fatua
- 5.

Answer : Avena fatua

- Question No. 68

Which of the following mycoherbicide is used to control dodder?

Options :

1. Devine
2. Bipolaris
3. Collego
4. Smolder
- 5.

Answer : Collego

- Question No. 69

Which of the followings is non-selective, foliage active translocated herbicide?

Options :

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

Answer : Glyphosate

• Question No. 70

If a crop is to be irrigate at 0.8 IW: CPE with 60 mm depth, after which of the following should it be irrigated?

Options :

1. 60 mm CPE
2. 75 mm CPE
3. 80 mm CPE
4. 70 mm CPE
- 5.

Answer : 75 mm CPE

• Question No. 71

Which one of the following moisture will be available if the filed capacity is 18% and permanent wilting point is 6%?

Options :

1. 8%
2. 10%
3. 12%
4. 14%

5.

Answer : 12%

• Question No. 72

Which one of the following term is coined when plants cannot absorb any water and die eventually?

Options :

1. Field capacity
2. Ultimate wilting point
3. Hygroscopic water
4. Permanent wilting point
- 5.

Answer : Permanent wilting point

• Question No. 73

Iron is absorbed by plants in which of the following forms?

- (a) Fe^{2+}
- (b) Fe^{4+}
- (c) Fe
- (d) Fe^{3+}

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : d

- Question No. 74

What quantity of Urea is required for top dressing of two acre of wheat field at a dose of 60 kg N/ha ?

Options :

1. 52 kg
2. 105 kg
3. 120 kg
4. 260 kg
- 5.

Answer : 105 kg

- Question No. 75

Which one of the following is the nutrient has a key role in biology N-fixation?

Options :

1. Nitrogen
2. Phosphorus
3. Chlorine
4. Molybdenum
- 5.

Answer : Molybdenum

- Question No. 76

Which of the following is the unit of water use efficiency?

Options :

1. kg-/ha/mm
2. kg/ha-mm
3. kg/mm-ha

4. ha/kg-mm

5.

Answer : kg/ha-mm

• Question No. 77

Accumulation of which of the following is considered as good indicator for water stress?

Options :

1. Cysteine

2. Methionine

3. GA

4. Proline

5.

Answer : Proline

• Question No. 78

Concentration of which of the following is high in soil?

Options :

1. Hydrogen

2. Methane

3. Oxygen

4. Carbon monoxide

5.

Answer : Oxygen

• Question No. 79

Elephant grass is also known with the name_____

Options :

1. Napier grass
2. Bermuda grass
3. Wheat grass
4. Elephant grass
- 5.

Answer : Napier grass

• Question No. 80

Which one the following botanical is referred to Potato?

Options :

1. Rhizome
2. Bulb
3. tuber
4. Sucker
- 5.

Answer : tuber

• Question No. 81

Which one of the following is responsible for run-off?

Options :

1. Soil slope
2. Low rate of infiltration
3. High intensity rainfall
4. All of these
- 5.

Answer : All of these

- Question No. 82

Which one of the following type of nozzle is suitable for application of contact type of herbicide on dense weedy patches?

Options :

1. Flat-fan
2. Solid cone
3. Flood-jet
4. Centrifugal
- 5.

Answer : Flood-jet

- Question No. 83

Which one of the following is a physical method of weed control?

Options :

1. Crop rotation
2. Stale seed bed
3. Mowing
4. Summer fallowing
- 5.

Answer : Mowing

- Question No. 84

Which one of the following type of fertilizers has Uranium-238 contamination?

Options :

1. Nitrogenous
2. Phosphatic

3. Potassic
4. Sulphur containing
- 5.

Answer : Phosphatic

• Question No. 85

Which one of the following hydrolase enzyme occurring in soil?

Options :

1. Glutamines
2. Catalase
3. Peroxidase
4. Dehydrogenase
- 5.

Answer : Dehydrogenase

• Question No. 86

Which one the following crop is called biological plough of soil?

Options :

1. Green gram
2. Blackgram
3. Pigeon pea
4. Soybean
- 5.

Answer : Pigeon pea

• Question No. 87

In which of the following advancement of monsoon in India takes place?

Options :

1. Kerala coast
2. Andhra coast
3. Pondicherry
4. Mumbai coast
- 5.

Answer : Kerala coast

• Question No. 88

Which one of the following terminology for viruses which feed on bacteria?

Options :

1. Virion
2. Viroid
3. Bacteriophage
4. Rota virus
- 5.

Answer : Bacteriophage

• Question No. 89

Which of the following nutrient plays key role in sugar synthesis in Sugarcane?

Options :

1. Potassium
2. Calcium
3. Iron
4. Nitrogen
- 5.

Answer : Potassium

• Question No. 90

Which one the following crop growth phases influenced most by relative length of sunlight and temperature?

Options :

1. Seed germination
2. Leaf production
3. Floral initiation
4. Fruit maturity
- 5.

Answer : Floral initiation

• Question No. 91

Which one the following Country leads in maximum ground nut production in the world?

Options :

1. India
2. China
3. Brazil
4. Nigeria
- 5.

Answer : China

• Question No. 92

Which one the following is responsible for Rice tungro virus transmission?

Options :

1. Mites
2. Green leaf hopper
3. Stem borer

4. White fly

5.

Answer : Green leaf hopper

• Question No. 93

Which one the following is Sesame plant response to day length?

Options :

1. Qualitative short day plant
2. Quantitative short day plant
3. Qualitative long day plant
4. Qualitative long day plant
- 5.

Answer : Quantitative short day plant

• Question No. 94

In which type of groundnut group alternate branching pattern occurs?

Options :

1. Only Virginia
2. Virginia and Spanish
3. Only Spanish
4. Only Valencia
- 5.

Answer : Virginia and Spanish

• Question No. 95

Which one the following HCN content in sorghum results in animal toxicity?

Options :

1. 100 ppm
2. 200 ppm
3. 250 ppm
4. 300 pp
- 5.

Answer : 200 ppm

• Question No. 96

Which one the following is color of endosperm of weedy rice?

Options :

1. White
2. Yellow
3. Red
4. Yellow-white
- 5.

Answer : White

• Question No. 97

Which one of the following is the genera of Rapeseed-mustard?

Options :

1. Brassica
2. Brassica and Eruca
3. Brassica and Sinapsis
4. Brassica, Eruca and Sinapsis
- 5.

Answer : Brassica and Eruca

- Question No. 98

Which one the following millet can withstand drought and water logging?

Options :

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

Answer : Foxtail millet

- Question No. 99

Which fatty acid in mustard oil imparts longer shelf life?

Options :

1. Oleic acid
2. Linoleic acid
3. Linolenic acid
4. Stearic acid
- 5.

Answer : Linolenic acid

- Question No. 100

Which of the following States in India leads in Safflower cultivation?

Options :

1. Tamil Nadu and Andhra Pradesh
2. Tamil Nadu and Karnataka
3. Maharashtra and Karnataka

4. Maharashtra and Gujarat

5.

Answer : Maharashtra and Karnataka

• Question No. 101

Which of the following is the first hybrid of sunflower released in India?

Options :

1. BSH 1

2. Murden

3. DSH 1

4. DRSH 1

5.

Answer : DSH 1

• Question No. 102

Which of the following crop has the longest crop-weed completion critical period?

Options :

1. Chickpea

2. Lentil

3. Horsegram

4. Pigeonpea

5.

Answer : Pigeonpea

• Question No. 103

According to estimation, how much cultivated area in India will remain rainfed even after reaching the full irrigation potential?

Options :

1. 30%
2. 40%
3. 45%
4. 50%
- 5.

Answer : 40%

• Question No. 104

Which of the following element promotes formation of vitamin A in plants?

Options :

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

Answer : Cu

• Question No. 105

Which one the following element largely influence calcium metabolism in plants?

Options :

1. Boron
2. Iron
3. Nitrogen
4. Copper
- 5.

Answer : Boron

- Question No. 106

Which of the following selenium form is selenite?

- (a) Se^{2-}
- (b) SeO^-
- (c) SeO_2^{3-}
- (d) SeO_4^{2-}

Options :

1. a
2. b
3. c
4. d
- 5.

Answer : c

- Question No. 107

Which one of the following is not a physical indicator of soil?

Options :

1. Consistence
2. Penetration resistance
3. Buffering capacity
4. Soil strength
- 5.

Answer : Buffering capacity

- Question No. 108

Which one of the following is volume of water necessary to cover an area of 1.0 ha to a depth of 5 cm?

Options :

1. 100 m³
2. 500 m³
3. 50 M³
4. 1000 m³
- 5.

Answer : 500 m³

- Question No. 109

Which instrument is used to measure humidity?

Options :

1. Pyranometer
2. Pycnometer
3. Tensiometer
4. Hygrometer
- 5.

Answer : Hygrometer

- Question No. 110

Which one the following is a perennial fiber crop grows in high rainfall region.

Options :

1. Cotton
2. Ramie
3. Jute
4. Agave
- 5.

Answer : Jute

• Question No. 111

Which one of the following is the resultant of a thin cloud of varying size found on the surface of the earth by condensation of atmospheric vapour?

Options :

1. Dew
2. Fog
3. Mist
4. Frost
- 5.

Answer : Fog

• Question No. 112

Which one of the following is the science which deals with the study of home of crops?

Options :

1. Crop ecology
2. Plant ecology
3. Ecology
4. Agricultural ecology
- 5.

Answer : Crop ecology

• Question No. 113

Which one of the following soil type will have maximum soil erodibility factor?

Options :

1. Red loam
2. Clay loam
3. Alluvial
4. Sandy loam
- 5.

Answer : Sandy loam

• Question No. 114

Which one of the following is the plant part through which Napier grass is multiplied?

Options :

1. Seed
2. Stem
3. Root slip
4. Root
- 5.

Answer : Root slip

• Question No. 115

Which are of the following stages of a crop are more prone to weed competition?

Options :

1. Germination to seeding
2. Vegetative phase
3. Reproductive phase
4. Maturity phase
- 5.

Answer : Vegetative phase

- Question No. 116

Which one the following farming system receives average annual rainfall > 1150 mm?

Options :

1. Dry farming
2. Dry land farming
3. Dry land agriculture
4. Rainfed farming
- 5.

Answer : Rainfed farming

- Question No. 117

Which one the following is measured by Pyranometer?

Options :

1. Light duration
2. Solar radiation
3. Evaporation rate
4. Wind speed
- 5.

Answer : Solar radiation

- Question No. 118

In which one the following country, Hybrid rice for commercial production was first evolved?

Options :

1. India
2. China
3. Japan

4. USA

5.

Answer : China

• Question No. 119

Which one the following is considered when the calculated F is greater than table F value at 5% only, the differences in treatments is?

Options :

1. Significant

2. Highly significant

3. Non significant

4. At par

5.

Answer : Significant

• Question No. 120

Which one the following is in order of Heavy metal content in different vegetative part of the vegetable plants?

Options :

1. Fruit > Root > leaves

2. Root > Leaves > Fruit

3. Fruit > Leaves > Root

4. Leaves > Root > Fruit

5.

Answer : Root > Leaves > Fruit

• Question No. 121

Which one the following terminology is used for the process of accumulation of soluble salts at the surface or at some point below the surface of the soil profile?

Options :

1. Acidification
2. Alkalization
3. Salination
4. Neutralization
- 5.

Answer : Salination

- Question No. 122

Which one of the following developed Indore method of composting?

Options :

1. Rachael
2. Howard
3. Acharya
4. Flored
- 5.

Answer : Howard

- Question No. 123

Which one of the following term is used for the pressure exerted by water vapour in a actuated state?

Options :

1. Vapour pressure
2. Saturated vapour pressure
3. Partial Pressure
4. Vapour pressure deficit

5.

Answer : Saturated vapour pressure

- Question No. 124

Which colour of the tag is used for foundation stage seed?

Options :

1. White
2. Golden
3. Blue
4. Red
- 5.

Answer : White

- Question No. 125

Which one of the farming system where farmers move seasonally with their herd?

Options :

1. Sedentary farming
2. Subsistence farming
3. Nomadic farming
4. Arable farming
- 5.

Answer : Nomadic farming

- Question No. 126

Which one of the following quantity of fresh biomass is added by sunhemp green manure in 50-60 DAS?

Options :

1. 15-25 t
2. 35-50 t
3. 60-75 t
4. 80-95 t
- 5.

Answer : 60-75 t

• Question No. 127

In which part of India the shifting cultivation, locally known 'Jhuming' is widely practiced?

Options :

1. North-East-India
2. Rajasthan
3. Central Himalaya
4. Karnataka
- 5.

Answer : North-East-India

• Question No. 128

Phalaris minor is also known as

Options :

1. Bermuda grass
2. Canary grass
3. Kans
4. Water hyacinth
- 5.

Answer : Canary grass

- Question No. 129

One acre is equivalent to

Options :

1. 1.800 ha
2. 0.652 ha
3. 0.404 ha
4. 0.038 ha
- 5.

Answer : 0.404 ha

- Question No. 130

Smog is produced due to

Options :

1. Air and metal dust
2. Water and nitrogen oxide
3. Smoke and fog
4. None
- 5.

Answer : Smoke and fog

- Question No. 131

Which one of the following instrument is used to measure wind speed?

Options :

1. Windvane
2. Anemometer
3. Hygrometer

4. Thermometer

5.

Answer : Anemometer

- Question No. 132

Which of the following is process is related to transpiration?

Options :

1. Osmosis

2. Diffusion

3. Activated transport

4. Facilitated diffusion

5.

Answer : Diffusion

- Question No. 133

One kilogram of nitrogen is equivalent to which of the following quantity of urea?

Options :

1. 2.17 kg urea

2. 3.22 kg urea

3. 4.22 kg urea

4. 1.76 kg urea

5.

Answer : 2.17 kg urea

- Question No. 134

Which of the following salt is predominant in saline water?

Options :

1. Sodium carbonate
2. Sodium chloride
3. Magnesium sulphate
4. Calcium chloride
- 5.

Answer : Sodium chloride

• Question No. 135

What is the area sprayed by a full tank of a sprayer, if the volume of the sprayer tank is 225 litres and rate of spray application per ha is 150 litres?

Options :

1. 1.52 ha
2. 1.50 ha
3. 1.75 ha
4. 2.00 ha
- 5.

Answer : 1.50 ha

• Question No. 136

Which of the following term is used to referred to the number of cigarettes that can be made out of one pound of tobacco?

Options :

1. Curing quality
2. Burning quality
3. Filling quality
4. Priming quality

5.

Answer : Filling quality

• Question No. 137

Which of the following antioxidant is present in sesame oil?

Options :

1. Sesamin
2. Aspergillus
3. Argenin
4. Canola
- 5.

Answer : Sesamin

• Question No. 138

Cedrus deodara is famous for making of which the following?

Options :

1. Pencils
2. Plywood
3. Packing cases
4. Paper
- 5.

Answer : Plywood

• Question No. 139

The areas suffering from non-availability of ground water due to over exploitation are popular referred to as which of the following?

Options :

1. Dark areas
2. Shallow areas
3. Pink areas
4. Degraded areas
- 5.

Answer : Degraded areas

• Question No. 140

If the rate of application per hectare is 0.75 kg a.i. per hectare and concentration of herbicide is WP 75% then required quantity is which of the following?

Options :

1. 0.75 kg/ha
2. 1.0 kg/ha
3. 1.25 kg/ha
4. 1.50 g/ha
- 5.

Answer : 1.0 kg/ha

• Question No. 141

For application of 45 kg N and 115 kg P₂O₅, how much the following quantity of DAP is required?

Options :

1. 250 kg
2. 300 kg
3. 100 kg
4. 150 kg
- 5.

Answer : 250 kg

- Question No. 142

Which of the following agronomic measure is used for soil conservation?

Options :

1. Gully plugging
2. Terracing
3. Strip Cropping
4. Bunding
- 5.

Answer : Strip Cropping

- Question No. 143

Which of the following term is used for the system of raising arable crops along with the fruit trees?

Options :

1. Agri-silviculture
2. Agri-horticulture
3. Horti-pastoral
4. Silviculture
- 5.

Answer : Agri-horticulture

- Question No. 144

Depth of sowing depends on which of the following?

Options :

1. Seed size

2. Seed shape
3. Seed quality
4. Seed viability
- 5.

Answer : Seed size

- Question No. 145

Small plant may suffer from deficient oxygen when covered with densely packed snow due to which of the following condition?

Options :

1. Heaving
2. Desiccation
3. Suffocation
4. Cling
- 5.

Answer : Suffocation

- Question No. 146

The harvestable product of tea plant under commercial plantations is:

Options :

1. Seed
2. Tender shoot
3. Bark
4. Root
- 5.

Answer : Tender shoot

- Question No. 147

Tea plant in natural growing condition can be termed as which of the following:

Options :

1. Shrub
2. Vine
3. Small tree
4. Herb
- 5.

Answer : Shrub

- Question No. 148

'Centering'. The first cut on a young tea plant is at which of the following:

Options :

1. 15 cm
2. 25 cm
3. 20 cm
4. 30 cm
- 5.

Answer : 25 cm

- Question No. 149

For which of the following reasons are shade trees grown in a tea plantation?

Options :

1. Maintain optimum temperature
2. Provide comfort to the tea pluckers
3. Add organic matter to soil

4. Reduce impact of rainfall intensity

5.

Answer : Maintain optimum temperature

• Question No. 150

Manuring in mature tea is done on the basis of which of the following?

Options :

1. Soil nutrient status
2. Plant nutrient status
3. Amount of rainfall
4. Yield of crop
- 5.

Answer : Soil nutrient status

• Question No. 151

Match the following:

Organization	Location
I. IIFSR	A. Delhi
II. CRRI	B. Dehradun
III. CTRI	C. Modipuram
IV. IISWC	D. Rajahmundry
V. IIMR	E. Cuttack

Options :

1. I-C, II-E, III- D, IV- B, V-A
2. I-D, II-C, III-B, IV-A, V-E
3. I-A, II-B, III-C, IV-D, V-E
4. I-C, II-E, III-B, IV-D, V-A
- 5.

Answer : I-C, II-E, III- D, IV- B, V-A

- Question No. 152

Match the following:

Weed	Scientific Name
I. Carrot grass	A. Sorghum halepense
II. Wild oat	B. Eichhornia crassipes
III. Johnsongrass	C. Cuscuta spp
IV. Dodder	D. Avena fatua
V. Water hyacinth	E. Parthenium hysterophorus

Options :

1. I-A, II-B, III-D, IV-C, V-B
2. I-E, II-D, III-A, IV-C, V-B
3. I-E, II-D, III-C, IV-A, V-B
4. I-A, II-B, III-E, IV-C, V-D
- 5.

Answer : I-E, II-D, III-A, IV-C, V-B

- Question No. 153

Match the following:

Plant Type	Character
I. Halophytes	A. Tolerant to saline condition
II. Oxylophytes	B. Grow on wasteland and hard soil
III. Psychrophtes	C. Grow on rock fissures
IV. Chasmophytes	D. Grow in low temperature
V. Chersophytes	E. Tolerant to acidic condition

Options :

1. I-C, II-B, III-A, IV-D, V-E
2. I-A, II-D, III-E, IV-B, V-C
3. I-A, II-E, III-D, IV-C, V-B
4. I-A, II-B, III-C, IV-D, V-E

5.

Answer : I-A, II-E, III-D, IV-C, V-B

- Question No. 154

Match the following:

Radiation	Instrument
I. Total incoming radiation	A. Albedometer
II. Diffused radiation	B. Quantum sensor
III. Reflectivity	C. Pyrheliometer
IV. Direct solar radiation	D. Shading pyranometer
V. PAR	E. Pyranometer

Options :

1. I-E, II-D, III-A, IV-C, V-B
2. I-A, II-B, III-C, IV-D, V-E
3. I-B, II-A, III-D, IV-C, V-E
4. I-E, II-A, III-B, IV-C, V-D
- 5.

Answer : I-E, II-D, III-A, IV-C, V-B

- Question No. 155

Match the following:

Instrument	Measured Parameter
I. Thermocouple psychrometer	A. Rate of water flow
II. Current meter	B. Quantity of water
III. Weirs	C. Flow of water in pipe
IV. Venturi meter	D. Soil moisture potential
V. Flume	E. Velocity of water flow

Options :

1. I-D, II-A, III-E, IV-C, V-B

2. I-D, II-E, III-A, IV- C, V-B
3. I-B, II-A, III-D, IV-C, V-E
4. I-E, II-D, III-C, IV-B, V-A
- 5.

Answer : I-D, II-E, III-A, IV- C, V-B

- Question No. 156

Match the following:

Crop	Special Purpose
I. Radish	A. Nurse crop
II. Sugarcane	B. Cover crop
III. Kidney bean	C. Contour crop
IV. Cluster beans	D. Catch crop
V. Marvel grass	E. Energy crop

Options :

1. I-A, II-D, III-E, IV-B, V-C
2. I-A, II-B, III-C, IV-E, V-D
3. I- D, II-E, III-A, IV-B, V-C
4. I-D, II-E, III-C, IV-A, V-B
- 5.

Answer : I- D, II-E, III-A, IV-B, V-C

- Question No. 157

Match the following:

Fertilizer	Phosphorus Content
I. Raw bone meal	A. 20%
II. SSP	B. 16%
III. Basic slag	C. 8%
IV. Ammonium Phosphate Sulphate	D. 20%
V. Rock phosphate	E. 27%

Options :

1. I-A, II-B, III-C, IV-D, V-E
2. I-A, II- B, III-C, IV-E, V-D
3. I- B, II-A, III-C, IV-D, V-E
4. I-E, II-D, III-C, IV-B, V-A
- 5.

Answer : I-A, II-B, III-C, IV-D, V-E

• Question No. 158

Match the following:

Crop	Industrial Product
I. Hevea	A. Chocolate
II. Jute	B. Fiber
III. Cotton	C. Oil
IV. Groundnut	D. Textile
V. Cocoa	E. Rubber

Options :

1. I-E, II- D, III-B, IV-C, V-A
2. I-A, II- B, III-C, IV-E, V-D
3. I-E, II-D, III-C, IV-B, V-A
4. I- B, II-A, III-C, IV-D, V-E
- 5.

Answer : I-E, II- D, III-B, IV-C, V-A

• Question No. 159

Match the following:

Herbicide	Mode of action
I. Paraquat	A. Seeding shoot growth inhibitor
II. Glyphosate	B. PS-II inhibitor
III. Metolachlor	C. Cell membrane disrupters
IV. Pendimethalin	D. EPSP synthase inhibitor
V. Atrazine	E. Microtubule inhibitor

Options :

1. I-E, II- D, III-B, IV-C, V-A
2. I-E, II-D, III-C, IV-B, V-A
3. I-A, II-D, III- C, IV-E, V-B
4. I-E, II-D, III-C, IV-B, V-A
- 5.

Answer : I-A, II-D, III- C, IV-E, V-B

- Question No. 160

Match the following:

Tea	Characterstics
I. Black tea	A. Unoxidized polyphenols
II. Oolong tea	B. Semi oxidases polyphenols
III. White tea	C. Oxidized polyphenols
IV. Green tea	D. Rolled leaf
V. Orthodox tea	E. Made of only buds

Options :

1. I-E, II- D, III-B, IV-C, V-A
2. I-A, II- B, III-C, IV-E, V-D
3. I-E, II-D, III-C, IV-B, V-A
4. I-C, II-B, III-E, IV-A, V-D
- 5.

Answer : I-C, II-B, III-E, IV-A, V-D

[Attempt Mock Test Now](#)