

- Question No. 1

The program used in the digitization technique of geoinformatics:

**Options :**

1. CAD
2. GIS
3. Cplus
4. JAVA
- 5.

Answer : GIS

- Question No. 2

UAV stands for

**Options :**

1. Unmanned Aerial Vehicle
2. Uni Aerial Vehicle
3. Unmanned Air Vehicle
4. Uni Aerospace Van
- 5.

Answer : Unmanned Aerial Vehicle

- Question No. 3

Head down digitizing in GIS is also called as:

**Options :**

1. automatic digitizing
2. Manual digitizing

3. Stylus
4. Both (A) and (B)
- 5.

Answer : Manual digitizing

• Question No. 4

The angle between the observer's meridian and declination circle of the heavenly body is called

**Options :**

1. Declination
2. Sidereal angle
3. Azimuth
4. Hour angle
- 5.

Answer : Hour angle

• Question No. 5

The minimum number of satellites needed for a GPS to determine its position precisely is

**Options :**

1. 4
2. 2
3. 3,4
4. 5
- 5.

Answer : 3,4

• Question No. 6

International year of soil is:

**Options :**

1. 2013
2. 2015
3. 2016
4. 2017
- 5.

Answer : 2015

• Question No. 7

Petrology is the science of:

**Options :**

1. Petrol
2. Mineral oils
3. Earth
4. Rocks
- 5.

Answer : Rocks

• Question No. 8

Alkalization also called:

**Options :**

1. Solonization
2. Solodization
3. Gleization
4. Pedoturbation
- 5.

Answer : Solonization

- Question No. 9

Centre for Environment Management of Degraded Ecosystem (CEMDE)

**Options :**

1. Jodhpur
2. Ranchi
3. Delhi
4. Hyderabad
- 5.

Answer : Delhi

- Question No. 10

The element is found highest in earth crust is:

**Options :**

1. Oxygen
2. Silicon
3. Aluminium
4. Iron
- 5.

Answer : Oxygen

- Question No. 11

The black cotton soils of India are

**Options :**

1. Limestone
2. Graphite
3. Quartz

4. Basalt

5.

Answer : Basalt

- Question No. 12

The phenomenon slickenside is found in

**Options :**

1. Vertisol
2. Oxisols
3. Gellisols
4. Alfisols
- 5.

Answer : Vertisol

- Question No. 13

Soil physical property which cannot be changed or altered is:

**Options :**

1. Soil structure
2. Soil texture
3. Soil colour
4. Soil particles
- 5.

Answer : Soil texture

- Question No. 14

Hue denotes:

**Options :**

1. Dominant spectrum
2. Lightness or Brightness
3. Purity
4. Intensity
- 5.

Answer : Dominant spectrum

• Question No. 15

What is the ESP of saline-alkaline soils?

**Options :**

1.  $>15$
2.  $<15$
3.  $= 15$
4.  $\geq 15$
- 5.

Answer :  $>15$

• Question No. 16

Grass tetany is caused by:

**Options :**

1. Mo deficiency
2. B deficiency
3. Mn deficiency
4. Mg deficiency
- 5.

Answer : Mg deficiency

- Question No. 17

In Munsell color Chart Hue 10 represent as

**Options :**

1. blue
2. red
3. green
4. yellow
- 5.

Answer : yellow

- Question No. 18

What is the deficiency symptom for Calcium in crops?

**Options :**

1. Cupping of leaves
2. Stunted growth
3. terminal Dieback
4. all are suitable
- 5.

Answer : all are suitable

- Question No. 19

What is the deficiency symptom for Magnesium in plants?

**Options :**

1. Puckering
2. Yellowing
3. Browning

4. Greening

5.

Answer : Yellowing

- Question No. 20

Among the following which is not a macronutrient?

**Options :**

1. Copper

2. Zinc

3. Magnesium

4. Boron

5.

Answer : Magnesium

- Question No. 21

All India Soil Survey and Land Use Organisation was established during :

**Options :**

1. 1952

2. 1956

3. 1947

4. 1945

5.

Answer : 1956

- Question No. 22

Indicator plant for Permanent Wilting Point

**Options :**

1. sunflower
2. marigold
3. soybean
4. safflower
- 5.

Answer : sunflower

• Question No. 23

What is the symptom of Molybdenum deficiency in crucifers?

**Options :**

1. Black rot
2. Blossom end rot
3. Whip tail
4. Marsh spot
- 5.

Answer : Whip tail

• Question No. 24

What is the symptom of calcium deficiency in crops?

**Options :**

1. Blossom end rot
2. Hollow heart
3. Darkened plumule
4. Blotching
- 5.

Answer : Blossom end rot

- Question No. 25

Khaira disease in rice is corrected by foliar spray of:

**Options :**

1. 2%  $\text{MnSO}_4$
2. 0.2%  $\text{CuSO}_4$
3. 0.5%  $\text{ZnSO}_4$
4. 0.2% Borax
- 5.

Answer : 0.5%  $\text{ZnSO}_4$

- Question No. 26

Karewas type of soil found in

**Options :**

1. Punjab
2. Jammu and Kashmir
3. M.P.
4. Kerala
- 5.

Answer : Jammu and Kashmir

- Question No. 27

Sand dunes are commonly seen in:

**Options :**

1. Dry areas
2. Hilly areas
3. Desert and Coastal areas

4. Coastal areas only

5.

Answer : Desert and Coastal areas

• Question No. 28

Vermiculite is a type of clay mineral

**Options :**

1. 1:1

2. 2:1

3. 2:1:1

4. all of these

5.

Answer : 2:1

• Question No. 29

The deltas of Mahanadi and Godavari are rich in

**Options :**

1. Forest

2. alluvial

3. black

4. arid

5.

Answer : alluvial

• Question No. 30

What should be added to reclaim sodic soils?

**Options :**

1. leaching
2. Gypsum
3. Sulphur
4. Potassium
- 5.

Answer : Gypsum

• Question No. 31

Green manure crop suitable for reclamation of salt affected soils is:

**Options :**

1. Dhaincha
2. Sunhemp
3. Pillipesara
4. Cluster bean
- 5.

Answer : Dhaincha

• Question No. 32

Chemical generally used for correcting soil acidity is:

**Options :**

1. Gypsum
2. Lime
3. Iron pyrites
4. Urea
- 5.

Answer : Lime

- Question No. 33

Acid soil is injurious to plants because of presence of:

**Options :**

1. Ca and Mg
2. K and B
3. Fe and Al
4. Mn and S
- 5.

Answer : Fe and Al

- Question No. 34

Alkaline soils contain more of:

**Options :**

1. Fe and Al ions
2. Cl and SO<sub>4</sub> ions
3. CO<sub>3</sub> and HCO<sub>3</sub> ions
4. H<sup>+</sup> ions
- 5.

Answer : CO<sub>3</sub> and HCO<sub>3</sub> ions

- Question No. 35

Farmyard manure is recommended for:

**Options :**

1. Balanced food for plants
2. Salinity reclamation
3. Tends to make soil acidic

4. None of these

5.

Answer : Salinity reclamation

- Question No. 36

Seed lot certificate colour is:

**Options :**

1. Orange

2. Purple

3. Green

4. Orange or Green

5.

Answer : Orange or Green

- Question No. 37

Fungi and Bacteria usually enters the seed through:

**Options :**

1. Stomata

2. Wounds

3. Hydathodes

4. Insect puncture

5.

Answer : Wounds

- Question No. 38

Possible reasons for seed dormancy is:

**Options :**

1. Presence of pathogens
2. Cracking of hulls
3. Immature embryo
4. Green distortion
- 5.

Answer : Immature embryo

• Question No. 39

A sound seed certification programme requires:

**Options :**

1. Direct participation of breeder
2. Use of sophisticated equipment
3. Classification of seed
4. Support of law
- 5.

Answer : Direct participation of breeder

• Question No. 40

Maximum moisture content for safe storage in wheat seed is:

**Options :**

1. 12 %
2. 15 %
3. 7 %
4. 18%
- 5.

Answer : 12 %

- Question No. 41

Seed certification involves:

**Options :**

1. 1 phase
2. 3 phase
3. 5 phase
4. 6 phase
- 5.

Answer : 6 phase

- Question No. 42

The process of removing stamens from the flower bud during hybridization is called

**Options :**

1. Crossing
2. Selfing
3. Emasculation
4. Caping
- 5.

Answer : Emasculation

- Question No. 43

Quickest method of plant breeding is:

**Options :**

1. Introduction
2. Selection
3. Hybridization

4. Mutation breeding

5.

Answer : Mutation breeding

• Question No. 44

Which is the oldest breeding method?

**Options :**

1. Hybridization

2. Selection

3. Mutation breeding

4. Introduction

5.

Answer : Selection

• Question No. 45

Heterosis is:

**Options :**

1. Appearance of spontaneous mutation

2. Induction of mutation

3. Mixture of two or more traits

4. Superiority of hybrids over parents

5.

Answer : Superiority of hybrids over parents

• Question No. 46

Physical purity% of certified soybean seed is

**Options :**

1. 97
2. 93
3. 95
4. 99
- 5.

Answer : 97

• Question No. 47

We can cut the DNA with the help of

**Options :**

1. scissors
2. restriction endonucleases
3. knife
4. RNAase
- 5.

Answer : restriction endonucleases

• Question No. 48

Which of the following is a maintainer line?

**Options :**

1. A line
2. B line
3. R line
4. M line
- 5.

Answer : B line

- Question No. 49

The new varieties of plants are produced by:

**Options :**

1. Introduction and Mutation
2. Selection and Hybridization
3. Mutation and Selection
4. Selection and Introduction
- 5.

Answer : Selection and Hybridization

- Question No. 50

Green Revolution in India occurred during:

**Options :**

1. 1960
2. 1970
3. 1980
4. 1950
- 5.

Answer : 1960

- Question No. 51

A cybrid is:

**Options :**

1. A sex hybrid
2. A hybrid formed by cell fusion
3. A plant produced by cell culture

4. Symptom to hybrid

5.

Answer : A hybrid formed by cell fusion

• Question No. 52

The genotypic ratio of monohybrid cross is:

**Options :**

1. 3:1

2. 1:2:1

3. 2:1:1

4. 9:3:3:1

5.

Answer : 1:2:1

• Question No. 53

F3 generation is obtained by:

**Options :**

1. Selfing of F1

2. Selfing of F2

3. Crossing of F1 and F2

4. Selfing of F3

5.

Answer : Selfing of F2

• Question No. 54

Stomata are regulated by:

**Options :**

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

Answer : Potassium

• Question No. 55

A plant hormone, which is primary regulator of abscission process is:

**Options :**

1. Ethylene
2. Auxin
3. ABA
4. Gibberellin
- 5.

Answer : ABA

• Question No. 56

Water potential of chemically pure water is:

**Options :**

1. -0.1MPa
2. -0.5MPa
3. -1.0MPa
4. Zero
- 5.

Answer : Zero

- Question No. 57

Micronutrient is essential for the synthesis of Auxin:

**Options :**

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

Answer : Zn

- Question No. 58

Indian Institute of Sugarcane Research (IISR) is situated in

**Options :**

1. Lucknow
2. Coimbatore
3. New Delhi
4. Hyderabad
- 5.

Answer : Lucknow

- Question No. 59

Nitrate reductase is found in:

**Options :**

1. Chloroplast
2. Golgi bodies
3. Mitochondria

4. Cytoplasm

5.

Answer : Chloroplast

• Question No. 60

Pre-soaking treatment with ..... increases the seed germination.

**Options :**

1. Absciscic acid
2. Proline
3. Gibberellic acid
4. Both b and c
- 5.

Answer : Both b and c

• Question No. 61

Principal of extension education is

**Options :**

1. Learning by Seeing
2. Learning by Reading
3. Learning by Doing
4. All of the above
- 5.

Answer : Learning by Doing

• Question No. 62

Which of the following is not a method of group communication?

**Options :**

1. Demonstration
2. Symposium
3. Flannel graph
4. Circular letter
- 5.

Answer : Circular letter

• Question No. 63

People's participation in an extension programme is significant when:

**Options :**

1. Local leaders participate
2. Literate villagers participate
3. Gram panchayat members participate
4. Majority of villagers participate
- 5.

Answer : Majority of villagers participate

• Question No. 64

T and V system is a good example of:

**Options :**

1. Extension approach
2. Training approach
3. Cooperative self-help approach
4. Integrated development approach
- 5.

Answer : Extension approach

- Question No. 65

Communication is the process by which messages are transferred from source to:

**Options :**

1. Channel
2. Message
3. Receiver
4. Effects
- 5.

Answer : Receiver

- Question No. 66

Which of the following is a method of group contacts?

**Options :**

1. Farms and home visits
2. Office calls
3. Personal letters
4. Tours
- 5.

Answer : Farms and home visits

- Question No. 67

Lab to land programme was launched by the ICAR as a part of its \_\_\_\_ Jubilee celebration in 1979.

**Options :**

1. Centenary
2. Platinum
3. Golden

4. Silver

5.

Answer : Golden

- Question No. 68

The ICAR division of Extension was established in:

**Options :**

1. 1971

2. 1975

3. 1988

4. 1992

5.

Answer : 1971

- Question No. 69

Book value of durable assets refers to:

**Options :**

1. Market price of assets

2. Purchase price of assets

3. Production price of assets

4. Value at cost

5.

Answer : Value at cost

- Question No. 70

Debt equity ratio is:

**Options :**

1. Deferred liabilities/Net worth
2. Net worth/Different liabilities
3. Net worth/Total assets
4. Total assets/Net worth
- 5.

Answer : Deferred liabilities/Net worth

• Question No. 71

Equity value of the firm is known/ derived from

**Options :**

1. Balance sheet
2. Income statement
3. Cash flow statement
4. Budgeting
- 5.

Answer : Balance sheet

• Question No. 72

Marginal utility of money cannot be:

**Options :**

1. Positive
2. Negative
3. Zero
4. Both (B) and (C)
- 5.

Answer : Both (B) and (C)

- Question No. 73

The cross elasticity of demand between two products is infinite, in case of:

**Options :**

1. Monopoly
2. Oligopoly slope
3. Monopolistic
4. Perfect competition
- 5.

Answer : Perfect competition

- Question No. 74

Estimates of National Income in India are annually prepared by:

**Options :**

1. RBA
2. NSO
3. National Income Committee
4. Planning Commission
- 5.

Answer : NSO

- Question No. 75

Which measure of central tendency is especially suited in the field of business?

**Options :**

1. Median
2. Arithmetic mean
3. Harmonic mean

4. Mode

5.

Answer : Mode

- Question No. 76

Which type of average would be suitable to calculate the size of agricultural holding?

**Options :**

1. Mode

2. Median

3. Weighted HM

4. Weighted AM

5.

Answer : Mode

- Question No. 77

Dispersion measure which is least affected by extreme values is \_\_\_\_\_

**Options :**

1. Range

2. Quartile deviation

3. Standard deviation

4. Coefficient of variation

5.

Answer : Quartile deviation

- Question No. 78

Local control is not applied for the design:

**Options :**

1. RBD
2. CRD
3. LSD
4. SPD
- 5.

Answer : CRD

• Question No. 79

When the experimental material is very less and the number of genotypes are very large, which design is most suited?

**Options :**

1. Split plot design
2. LSD
3. RBD
4. Augmented design
- 5.

Answer : Augmented design

• Question No. 80

A plan of action for a business is known as a:

**Options :**

1. Balance Sheet
2. Cash flow statement
3. Budget
4. Financial statement
- 5.

Answer : Budget

- Question No. 81

The total of the product cost plus the markup is:

**Options :**

1. Price point
2. Loss leader
3. Selling price
4. Price skimming
- 5.

Answer : Selling price

- Question No. 82

The total amount received from the product sales is:

**Options :**

1. Selling price
2. Revenue
3. Price point
4. Loss leader
- 5.

Answer : Revenue

- Question No. 83

A dairy cow held for breeding and production purposes is known as:

**Options :**

1. Short term asset

2. Intermediate asset
3. Capital asset
4. Long term liability
- 5.

Answer : Capital asset

• Question No. 84

Vertical integration is most common in which of the following agricultural enterprises:

**Options :**

1. Horses
2. Beef
3. Grain
4. Poultry
- 5.

Answer : Poultry

• Question No. 85

Market in which bond, share and securities are bought and sold are called:

**Options :**

1. Consuming market
2. Rural market
3. Forward market
4. Capital market
- 5.

Answer : Capital market

• Question No. 86

Most common method that exists in regulated market is:

**Options :**

1. Open auction system
2. Close tender system
3. Moghum sale
4. Dara sale
- 5.

Answer : Open auction system

- Question No. 87

Which one of the following is a competitive market?

**Options :**

1. Perfect market
2. Primary market
3. Capital market
4. Wholesale market
- 5.

Answer : Perfect market

- Question No. 88

Persons who expect the prices will go down in future are:

**Options :**

1. Bulls
2. Bears
3. Retailers
4. Wholesalers
- 5.

Answer : Bears

- Question No. 89

The regulated market have been established by:

**Options :**

1. Central Government
2. District Municipal Corporation
3. State Government
4. Panchayats
- 5.

Answer : State Government

- Question No. 90

Which crop is traded internationally?

**Options :**

1. Coffee
2. Sorghum
3. Bajra
4. Groundnut
- 5.

Answer : Coffee

- Question No. 91

GIAHS stands for:

**Options :**

1. Globally Important Agricultural Heritage Systems

2. Globally Important Animal Husbandry Systems
3. Geographically Important Ancient Heritage Systems
4. Geographically Important aquaculture holdings systems
- 5.

Answer : Globally Important Agricultural Heritage Systems

• Question No. 92

Agriculture in India dates back to:

**Options :**

1. Neolithic age of 7500-4000 BC
2. 9000 BC
3. 100 BC
4. 2000 BC
- 5.

Answer : 9000 BC

• Question No. 93

The Indigenous Technical Knowledge (ITK) provides insight into:

**Options :**

1. Sustainable agriculture
2. Traditional technologies
3. Modern technologies
4. Both (A) and (B)
- 5.

Answer : Traditional technologies

• Question No. 94

250 million years ago the Earth's seven continents were all grouped together into a super continent called:

**Options :**

1. Pangaea
2. Panthalassa
3. Laurasia
4. Gondwanaland
- 5.

Answer : Pangaea

• Question No. 95

A national scheme that aims to promote uniformity in agricultural marketing is:

**Options :**

1. E-NAM
2. NMSA
3. PMKSY
4. PKVY
- 5.

Answer : E-NAM

• Question No. 96

National mission for sustainable agriculture aims to enhance agricultural productivity by focussing on:

**Options :**

1. Water and Nutrient use
2. Marketing and Trade
3. Demonstration
4. Field days
- 5.

Answer : Water and Nutrient use

• Question No. 97

A national scheme that provides insurance coverage and financial support to farmer in case of crop damaged due to natural calamities is:

**Options :**

1. E-NAM
2. PMFBY
3. NMSA
4. PKVY
- 5.

Answer : PMFBY

• Question No. 98

Paramparagat Krishi Vikas Yojana (PKVY) for farmers promote:

**Options :**

1. Modern agricultural practices
2. Crop Insurance
3. Organic farming
4. Credit flow
- 5.

Answer : Organic farming

• Question No. 99

The amount given to each farmer under PKVY scheme for one acre land area to promote organic farming is:

**Options :**

1. Rs. 10,000
2. Rs. 5,000
3. Rs. 3,000
4. Rs. 20,000
- 5.

Answer : Rs. 20,000

- Question No. 100

The scheme that aims to improve water conservation by improving irrigation facilities to farmers is:

Options :

1. RAD
2. SHM
3. PMKSY
4. NCOF
- 5.

Answer : PMKSY

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