

• Question No. 1

In case of degraded alkali soil, if the extensive leaching of saline-sodic soil occurs in absence of any source of calcium and magnesium, part of exchangeable Na is frequently replaced by \_\_\_ ?

**Options :**

1. Ca<sup>++</sup>
2. Mg<sup>++</sup>
3. H<sup>+</sup>
4. D.K<sup>+</sup>
- 5.

Answer : H<sup>+</sup>

• Question No. 2

Soils having white encrustation of soluble salts at the surface, known as \_\_\_ ?

**Options :**

1. Saline soil
2. Saline alkali soil
3. Sodic soil
4. Normal soil
- 5.

Answer : Saline soil

• Question No. 3

A combination of contouring and crop rotation, in which alternate rows are constructed perpendicular to the direction of wind and water flow, to prevent soil erosion, is called –

**Options :**

1. Strip cropping
2. Mulching
3. Vegetated waterways
4. Terracing
- 5.

Answer : Strip cropping

• Question No. 4

The hydraulic conductivity of sandy soil is among soil constituents

Options :

1. Low
2. High
3. Similar to other constituents
4. Variable
- 5.

Answer : High

• Question No. 5

Moisture content of soil at a point where the soil water mass flows under an applied force and fails to retain its shape is known as \_\_\_\_ ?

Options :

1. Plastic index
2. Non-Plastic
3. Lower plastic unit
4. Upper plastic unit
- 5.

Answer : Upper plastic unit

- Question No. 6

Identify the microbe which also controls the plant disease.

**Options :**

1. Thiobacillus
2. Lactobacillus
3. Pseudomonas
4. Orthobacter
- 5.

Answer : Pseudomonas

- Question No. 7

The general relative order of Anion exchange is \_\_\_ ?

**Options :**

1.  $\text{NO}_3^- \rightarrow \text{OH}^- \rightarrow \text{H}_2\text{PO}_4^- \rightarrow \text{SO}_4^-$
2.  $\text{OH}^- \rightarrow \text{H}_2\text{PO}_4^- \rightarrow \text{SO}_4^- \rightarrow \text{NO}_3^-$
3.  $\text{SO}_4^{4-} \rightarrow \text{NO}_3^- \rightarrow \text{OH}^- \rightarrow \text{H}_2\text{PO}_4^-$
4.  $\text{H}_2\text{PO}_4^- \rightarrow \text{SO}_4^{4-} \rightarrow \text{NO}_3^- \rightarrow \text{OH}^-$
- 5.

Answer :  $\text{OH}^- \text{>} \text{H}_2\text{PO}_4^- \text{>} \text{SO}_4^{4-} \text{>} \text{NO}_3^-$

- Question No. 8

Yield advantage is higher than the pure crops in this type of intercropping system:

**Options :**

1. Parallel cropping
2. Companion cropping
3. Multi-storey cropping

4. Synergistic cropping

5.

Answer : Synergistic cropping

• Question No. 9

What is the pf value of saturated soil and oven dry soil?

**Options :**

1. 0 and 15

2. 0 and 7

3. 1 and 18

4. 1 and 9

5.

Answer : 0 and 7

• Question No. 10

The specific heat of quartz among the different soil constituents is the \_\_\_\_?

**Options :**

1. Lowest

2. Highest

3. Similar to other constituents

4. Variable

5.

Answer : Lowest

• Question No. 11

Which of the given is considered to be of agricultural importance?

**Options :**

1. Hirudinea sp
2. Culex sp
3. Pheritima sp
4. Hydresp
- 5.

Answer : Pheritima sp

• Question No. 12

The ratio of weight of unit volume of dry soil including pore spaces to weight of an equal volume of water is:

**Options :**

1. Real specific gravity
2. Particle density
3. Wet bulk density
4. Apparent specific gravity
- 5.

Answer : Apparent specific gravity

• Question No. 13

A rise either in real output (GDP) or in real output per capita is named \_\_\_ ?

**Options :**

1. Economic development
2. Economic efficiency
3. Economic growth
4. Growth rate
- 5.

Answer : Economic growth

• Question No. 14

which cereal crop can grow well under saline soil

**Options :**

1. Rhodes grass
2. Sugarbeet
3. Wheat
4. Barley
- 5.

Answer : Barley

• Question No. 15

Deficiency of NITROGEN yellowing of leaf in a plant appears on \_\_\_ ?

**Options :**

1. Upper leaf
2. Lower leaf
3. Middle leaf
4. Whole plant
- 5.

Answer : Lower leaf

• Question No. 16

Among the given crops, which crop has the highest percentage of irrigated area?

**Options :**

1. Rice
2. Cotton
3. Green gram

4. Sugarcane

5.

Answer : Sugarcane

• Question No. 17

The available water retained in soil is between\_?

**Options :**

1. 0 to 2 bar

2.  $r-1$  to  $-1/4$  bar

3. 18 to 35 bar

4.  $1/3$  to  $-15$  bar

5.

Answer :  $1/3$  to  $-15$  bar

• Question No. 18

Plants absorb nickel in the form of-

**Options :**

1.  $Ni^+$

2.  $Ni^{2+}$

3.  $Ni^{3+}$

4.  $Ni^-$

5.

Answer :  $Ni^{2+}$

• Question No. 19

In covering a distance of 30 km, Abhay takes 2 hours more than Sameer. If Abhay doubles his speed, then he would take 1 hour less than Sameer. Abhay's speed is:

**Options :**

1. 5 kmph
2. 6 kmph
3. 6.25 kmph
4. 7.5 kmph
- 5.

Answer : 5 kmph

• Question No. 20

The soils having EC 15 and pH more than > 8.5 the soils is\_?

**Options :**

1. Saline
2. Alkali
3. Saline Alkali
4. Degraded alkali
- 5.

Answer : Alkali

• Question No. 21

Trichoderma viride, a bioagent to control some diseases in crop plants, acts as:

**Options :**

1. Herbicide
2. Bactericide
3. Nematicide
4. Fungicide
- 5.

Answer : Fungicide



- Question No. 22

The heat transfer rate in solid agricultural products of any shape is called. \_\_\_ ?

**Options :**

1. Thermal Diffusivity
2. True Density
3. Bulk density
4. A and b
- 5.

Answer : Thermal Diffusivity

- Question No. 23

Sunhemp should be planted at what distance (in cm) to raise fibre crop?

**Options :**

1. 30x(7-10)
2. 30x (7-15)
3. 30x (7-20)
4. 3x(7-10)
- 5.

Answer : 30x(7-10)

- Question No. 24

What is the process involved in aminization during Nitrogen mineralization?

**Options :**

1. Conversion of inorganic Nitrogen to Organic Nitrogen
2. Decomposition of proteins into amines, aminoacids and urea
3. Amines and aminoacids are decomposed into ammonia

4. Conversion of ammonia to nitrite and nitrate
- 5.

Answer : Decomposition of proteins into amines, aminoacids and urea

- Question No. 25

Interceptor drain helps to control water logging by \_\_\_ ?

**Options :**

1. Lowering the water table
2. Preventing subsoil water from reaching the area
3. Allowing vertical drainage
4. Draining out excess water to the natural drain
- 5.

Answer : Preventing subsoil water from reaching the area

- Question No. 26

Estimate the percent moisture in a given SAMPLE: Weight of moist soil+ box= 200 gm Weight of oven dry soil+ box= 160 gm Weight of empty box - 50 gm

**Options :**

1. 22.22%
2. 40.60%
3. 36.36%
4. 36.84%
- 5.

Answer : 36.36%

- Question No. 27

Which of the following crops can yield the highest quantity of green fodder?

**Options :**

1. Lucerne
2. Oats
3. Berseem
4. Senji
- 5.

Answer : Lucerne

• Question No. 28

Which of the following components of a Farm Pond is useful for letting out the excess water from the pond?

**Options :**

1. Storage Area
2. Earthen Dam
3. Mechanical Spillway
4. Emergency spillway
- 5.

Answer : Mechanical Spillway

• Question No. 29

How much boron concentration (mg/kg) is unsafe for plant growth?

**Options :**

1. 1.5 mg/kg
2. 0.75 -1.5mg/kg
3. 0.7-0.2 5 mg/kg
4. >0.5 mg/kg
- 5.

Answer : >0.5 mg/kg

- Question No. 30

Which of the following parameters is incorrectly matched with the measured device?

**Options :**

1. Psychrometer- specific gravity of liquids
2. Aneroid Barometer- atmospheric pressure
3. Aerometer- density of gases
4. Anemometer- wind velocity
- 5.

Answer : Psychrometer- specific gravity of liquids

- Question No. 31

The ratio between C and N crop residue generally ranges between \_\_\_ ?

**Options :**

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

Answer : 15-20:1

- Question No. 32

Which of the given methods of measurement of soil moisture is considered as a check for all other methods?

**Options :**

1. Electrical conductivity method
2. Tensiometer method
3. Gravimetric method

4. Neutron probe method

5.

Answer : Gravimetric method

• Question No. 33

Diagnosis and Recommendation Integrated System approach was provided by \_\_\_ ?

**Options :**

1. Mitectierlich's

2. Beaufils

3. Liebig's

4. Wallace

5.

Answer : Beaufils

• Question No. 34

Which of the following is appropriate for a clay soil?

**Options :**

1. Sand < 45% Silt < 40% Clay = 40%

2. Sand > 45% Silt < 40% Clay < 40%

3. Sand < 45% Silt > 40% Clay > 45%

4. None of these

5.

Answer : Sand < 45% Silt < 40% Clay = 40%

• Question No. 35

Which one of the following statement/ option is correct about the crop rotation?

**Options :**

1. The leguminous crop should be grown after leguminous crops
2. More exhaustive crops should be followed by highly exhaustive crops
3. Crops having shallow roots should be succeeded by deep-rooted crops
4. The crops of same botanical family should be grown continuously
- 5.

Answer : Crops having shallow roots should be succeeded by deep-rooted crops

• Question No. 36

Which one of the following statements is incorrect in case of surface retention of crop residues (mulching)?

**Options :**

1. Thermo regulation of soils
2. Reduced evaporation
3. Increased water requirement of crops
4. Mitigate terminal heat
- 5.

Answer : Increased water requirement of crops

• Question No. 37

If azolla is grown in rice field along with rice crop, then how much nitrogen is fixed by azolla in rice field ?

**Options :**

1. 10-20 kgN/ha
2. 20-30 kgN/ha
3. >50kgN/ha
4. 30-40 kgN/ha
- 5.

Answer : >50kgN/ha

- Question No. 38

Who introduced the term "New Systematic"?

**Options :**

1. De Candolle
2. Turril
3. Linnaeus
4. Julian Huxley
- 5.

Answer : Julian Huxley

- Question No. 39

Average capacity of a windmill would be about:

**Options :**

1. 0.2 hp
2. 0.5 hp
3. 1 hp
4. 3 hp
5. 10 hp

Answer : 0.5 hp

- Question No. 40

In the Universal Soil Loss Equation, the soil erodibility factor K is\_?

**Options :**

1. Measure of the susceptibility of soil particles to detachment and transport
2. Slope length gradient factor
3. Crop management factor

4. Rainfall-runoff factor

5.

Answer : Measure of the susceptibility of soil particles to detachment and transport

• Question No. 41

Plants absorb nickel in the form of-

**Options :**

1. Ni<sup>+</sup>

2. Ni<sup>2+</sup>

3. Ni<sup>3+</sup>

4. Ni<sup>-</sup>

5.

Answer : Ni<sup>2+</sup>

• Question No. 42

In the presence of silica, lime and other salts in soil, the soil appears like \_\_\_?

**Options :**

1. Dark coloured

2. Brown coloured

3. Red coloured

4. Light coloured

5.

Answer : Light coloured

• Question No. 43

The percentage of NPK (approximately) in Farm Yard Manure (FYM) is?—



**Options :**

1. 1.0, 0.6 and 1.0%
2. 2.0, 1.0 and 0.5%
3. 0.5, 0.2 and 0.5%
4. 3.0, 2.0 and 1.0%
- 5.

Answer : 0.5, 0.2 and 0.5%

• Question No. 44

Genetic traits of seeds are noted as follows, L = long, l = short, w = wrinkled, W = smooth Y = yellow, y = white, R = ribbed, r = grooved. Which of the following is the genotype for a short, wrinkled, yellow, grooved seed?

**Options :**

1. llWwyyrr
2. Liwwyyrr
3. llwwYYrr
4. Lwwyyrr
- 5.

Answer : llwwYYrr

• Question No. 45

When the Area with nutrient index value is  $> 2.3$ , then the nutrient index value is

**Options :**

1. High
2. Medium
3. Low
4. Low medium
- 5.

Answer : High

- Question No. 46

The bacteria responsible for oxidizing  $Fe^{2+}$  -  $Fe^{3+}$  (ferrous to ferric form) under acidic environment is\_?

**Options :**

1. Pseudomonas
2. Thiobacillus
3. Lactobacillus
4. Orthobacter
- 5.

Answer : Thiobacillus

- Question No. 47

The light intensity at which photosynthesis and respiration are equal is called:

**Options :**

1. Saturation point
2. Compensation point
3. Retardation point
4. Commensurate point
- 5.

Answer : Compensation point

- Question No. 48

For the farm area of 40 ha. followed under a single cropping pattern, the suitable size of tractor is \_\_ ?

**Options :**

1. 0 to 20 HP

2. 50 HP
3. 20 to 25 HP
4. 35 HP
- 5.

Answer : 20 to 25 HP

• Question No. 49

At field capacity the moisture is held with soil water potential at \_\_ ?

**Options :**

1.  $< 1.1$  bar
2.  $< 0.5$  bar
3.  $< 1/3$  bar
4.  $1/3.0$  bar
- 5.

Answer :  $< 1/3$  bar

• Question No. 50

Which of the following converts the reciprocating motion of the piston into rotary motion of the flywheel?

**Options :**

1. Connecting rod
2. Crankshaft
3. Flywheel
4. Crankcase
- 5.

Answer : Crankshaft

• Question No. 51

What is the example of alleles is?

**Options :**

1. AB and Tt
2. TT and Tt
3. T and t
4. XX and XY
- 5.

Answer : T and t

- Question No. 52

Safflower is which season crop?

**Options :**

1. kharif
2. rabi
3. zaid
4. All of these
- 5.

Answer : rabi

- Question No. 53

Which of the following represents the purity or strength of colour in Munsell colour chart?

**Options :**

1. Hue
2. Value
3. Chroma
4. Hue and Value both
- 5.

Answer : Chroma

- Question No. 54

Watershed is a –

**Options :**

1. Hydrological entity contributing runoff to a common point.
2. Hydrological entity receiving runoff to a single point.
3. Hydrological entity receiving runoff from multi-inlet runoff
4. Hydrological entity distributing runoff from common inlet.
- 5.

Answer : Hydrological entity receiving runoff to a single point.

- Question No. 55

Irrigation is scheduled at IW /CPE ratio of 0.8 and the crop is irrigated to a depth of 5.0cm when the CPE is-

**Options :**

1. 5.25 cm
2. 6.25 cm
3. 7.25 cm
4. 8.25 cm
- 5.

Answer : 6.25 cm

- Question No. 56

The process of conversion of organic form to inorganic form (mineral form) of nutrient element is called \_\_\_ ?

**Options :**

1. Nitrification

2. Denitrification
3. Mineralization
4. Volatilization
- 5.

Answer : Mineralization

• Question No. 57

The most sensitive stage of rice to soil moisture stress is \_\_\_ ?

**Options :**

1. Panicle initiation
2. Booting
3. Early heading
4. Flowering
- 5.

Answer : Panicle initiation

• Question No. 58

How many principles are there for plant distribution?

**Options :**

1. 2
2. 5
3. 13
4. 16
- 5.

Answer : 13

• Question No. 59

The light intensity at which photosynthesis and respiration are equal is called:

**Options :**

1. Saturation point
2. Compensation point
3. Retardation point
4. Commensurate point
- 5.

Answer : Compensation point

- Question No. 60

The available water retained in soil is between\_?

**Options :**

1. 0 to 2 bar
2.  $-1$  to  $-1/4$  bar
3. 18 to 35 bar
4.  $-1/3$  to  $-15$  bar
- 5.

Answer :  $-1/3$  to  $-15$  bar

- Question No. 61

Hydrographic Survey deals with the mapping of:

**Options :**

1. Large water bodies
2. Watershed
3. Canal system
4. Movements of clouds
- 5.

Answer : Large water bodies

- Question No. 62

By which of the following family tree is represented?

**Options :**

1. Cladogram
2. Key
3. Herbarium
4. Arboratum
- 5.

Answer : Cladogram

- Question No. 63

The irrigation water contains  $\text{CO}_2\text{HCO}_3$ ,  $\text{Ca}^{++}$  and  $\text{Mg}^{++}$  ion 1, 4, 2.5 & 1.5. Calculate the RSC (residual sodium carbonate) in irrigation water (mcl-1).

**Options :**

1. 0.1
2. 10
3. .01
4. 1
- 5.

Answer : 1

- Question No. 64

The best example of multistoried cropping is?

**Options :**



1. Arhar + Sorghum
2. Wheat+ Mustard
3. Gram + Lentil
4. Eucalyptus + Papaya + Berseem
- 5.

Answer : Eucalyptus + Papaya + Berseem

• Question No. 65

The measure of which nutrient's square is found deficient in "Black Soil"?

**Options :**

1. Iron
2. Potash
3. Lime
4. Nitrogen and Phosphorus
- 5.

Answer : Nitrogen and Phosphorus

• Question No. 66

Blue green algae are stored in\_\_\_ ?

**Options :**

1. Animalia
2. Plantae
3. Protista
4. Monera
- 5.

Answer : Monera

- Question No. 67

In the gravimetric process of soil moisture measurement, the soil oven dried at \_\_\_ ?

**Options :**

1. 80°
2. 105°
3. 155°
4. 135°
- 5.

Answer : 105°

- Question No. 68

Which of the given is not a straight fertilizer?

**Options :**

1. Nitrogen fertilizer (Urea)
2. Phosphate fertilizer (SSP)
3. Potash fertilizer (MOP)
4. FYM (Farm Yard Manure)
- 5.

Answer : FYM (Farm Yard Manure)

- Question No. 69

Based on mode of organization and functioning groups are classified as:

**Options :**

1. Voluntary and involuntary groups
2. In and out groups
3. Primary and Secondary groups

4. Formal and Informal groups

5.

Answer : Formal and Informal groups

• Question No. 70

The promising irrigation technique in rice crop is:

**Options :**

1. Intermittent irrigation

2. Flood irrigation

3. Drip irrigation

4. Surge irrigation

5.

Answer : Intermittent irrigation

• Question No. 71

Which of the following element is a part of cytochrome oxidase ?

**Options :**

1. Mo

2. Cu

3. Ge

4. Mg

5.

Answer : Cu

• Question No. 72

Which of the following instrument is used for measurement of specific heat?

**Options :**

1. Micrometer
2. Calorimeter
3. Thermometer
4. Current meter
- 5.

Answer : Calorimeter

• Question No. 73

The saline and alkali soils fall in which order ?

**Options :**

1. Entisol
2. Alfisol
3. Mollisol
4. Aridisol
- 5.

Answer : Aridisol

• Question No. 74

With the presence of organic matter and iron oxides in the soil, the colour of soil appears like\_?

**Options :**

1. Red colour
2. Brown colour
3. Dark colour
4. Yellow, red colour
- 5.

Answer : Dark colour

- Question No. 75

Which one of the following insect-pests affects sugarcane crop?

**Options :**

1. Gurdaspur borer
2. Gujhia weevil
3. Gundhi bugs
4. Pink bollworms
- 5.

Answer : Gurdaspur borer

- Question No. 76

Tobacco plant grows and matures rapidly when average temperature is about:

**Options :**

1. 23 Degree C
2. 25 Degree C
3. 27 Degree C
4. 29 Degree C
- 5.

Answer : 25 Degree C

- Question No. 77

Optimizing the employment of farm resources on a farm level is known as \_\_\_ ?

**Options :**

1. Macro economics
2. Agricultural marketing
3. Production economics

4. Farm management

5.

Answer : Farm management

- Question No. 78

Rice crop prefer the pH of:

**Options :**

1. 4.5-5.5

2. 5-5.5

3. 5.5-6

4. 5.5-6.5

5.

Answer : 5.5-6.5

- Question No. 79

Depth of submergence (cm) required during transplanting stage in rice crop is

**Options :**

1. 5 cm

2. 2 cm

3. 3 cm

4. 4 cm

5.

Answer : 2 cm

- Question No. 80

Deficiency of which vitamin is prominent in those persons who continuously eat 'polished rice'?

**Options :**

1. Vitamin K
2. Vitamin B1
3. Vitamin B12
4. Vitamin D
- 5.

Answer : Vitamin B1

• Question No. 81

Which one of the following elements is not essential for plant growth?

**Options :**

1. Nickel
2. Sodium
3. Manganese
4. Zinc
- 5.

Answer : Sodium

• Question No. 82

Size of ordinary rain drop varies from:

**Options :**

1. 0.2-0.5 mm
2. 0.5-2 mm
3. 2-4 mm
4. 0.5- 4 mm
- 5.

Answer : 0.5- 4 mm

- Question No. 83

To which hybridisation techniques do the following examples belong to? Cross between two inbred lines of Maize\_

**Options :**

1. Is a result of Intervarietal Hybridisation.
2. is a result of Interspecific Hybridisation.
3. is a result of Intergeneric Hybridisation.
4. none of the above
- 5.

Answer : Is a result of Intervarietal Hybridisation.

- Question No. 84

The grazing animals can change the type of vegetation by\_?

**Options :**

1. Cross pollination
2. Selective grazing
3. Bringing in plant pathogens
4. Bringing the seeds of other plants
- 5.

Answer : Selective grazing

- Question No. 85

Napier X Bajra hybrid is a cross between:

**Options :**

1. Pennisetum purpureum X Pennisetum glaucum
2. Pennisetum glaucum X Pennisetum Americanum



3. Pennisetum americanum X Pennisetum glaucum
4. Pennisetum orientale X Pennisetum Americanum
- 5.

Answer : Pennisetum purpureum X Pennisetum glaucum

• Question No. 86

Which legume crop cannot fix atmospheric Nitrogen?

**Options :**

1. Groundnut
2. Cowpea
3. Clover
4. Rajmash
- 5.

Answer : Rajmash

• Question No. 87

Which one of the following is the most productive soil in India?

**Options :**

1. Red soil
2. Black soil
3. Alluvial soil
4. Calcareous soil
- 5.

Answer : Alluvial soil

• Question No. 88

What is the rank of Bihar in terms of production of jute among the States of India ?

**Options :**

1. 1st
2. 2nd
3. 3rd
4. 4th
- 5.

Answer : 2nd

- Question No. 89

Which of the following states has very little alluvial soil?

**Options :**

1. Bihar
2. Madhya Pradesh
3. Tamil Nadu
4. Punjab
- 5.

Answer : Madhya Pradesh

- Question No. 90

Where is the headquarter of International Fund for Agriculture Development located?

**Options :**

1. Vienna, Austria
2. Rome, Italy
3. New York, USA
4. Berlin, Germany
- 5.

Answer : Rome, Italy

- Question No. 91

Bacteria responsible for oxidizing  $\text{NO}_2^-$ ,  $\text{NO}_3^-$  in soils is \_\_\_ ?

**Options :**

1. Nitrosomonas
2. Nitrobacter somonas
3. Pseudomonas
4. Rhizobium
- 5.

Answer : Nitrosomonas

- Question No. 92

Biological Nitrogen Fixation is catalyzed by \_\_\_ c?

**Options :**

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

Answer : Mo

- Question No. 93

The soils are called saline soils which have:

**Options :**

1.  $\text{EC} > 4 \text{ dSm}^{-1}$
2. ESP  $< 15$  per cent
3. pH between 7 and 8.5

4. All of the above

5.

Answer : All of the above

• Question No. 94

ICBN (International Code of Botanical Nomenclature) is related to terminology of\_?

**Options :**

1. Virus

2. Bacteria

3. Plants

4. Animal

5.

Answer : Plants

• Question No. 95

The step of mitosis in which chromosomes line up along the equatorial plane of the cell is called. \_\_\_ ?

**Options :**

1. Prophase

2. Metaphase

3. Anaphase

4. Telophase

5.

Answer : Metaphase

• Question No. 96

Due to deficiency of Zn causing Khaira disease in the rice field, the disease caused on the rice field appears \_\_\_ ?

**Options :**

1. Necrotic
2. Yellow coloured
3. Copper brownish coloured
4. Reddish coloured
- 5.

Answer : Copper brownish coloured

• Question No. 97

Which nutrient stimulates the root growth of a plant?

**Options :**

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

Answer : P

• Question No. 98

What is opportunity cost ?

**Options :**

1. Cost of next best alternative foregone
2. Cost of cultivation
3. Cost of production
4. Cost of supplementary enterprise
- 5.

Answer : Cost of next best alternative foregone

- Question No. 99

\_\_\_ is defined as the average growth per year a tree or stand of trees has exhibited/experienced up to a specified age.

**Options :**

1. MAI
2. CAI
3. PAI
4. NAI
- 5.

Answer : MAI

- Question No. 100

The total depth of water required by a crop is known as:

**Options :**

1. Delta
2. Duty of water
3. Cusec
4. Dead storage
- 5.

Answer : Delta

- Question No. 101

Mutual Funds are regulated in India by which among the following?

**Options :**

1. RBI
2. SEBI

3. Stock Exchanges
4. RBI and SEBI both
- 5.

Answer : SEBI

- Question No. 102

India's rank in rice production in the world is –

**Options :**

1. 1st
2. 2nd
3. 3rd
4. 4th
- 5.

Answer : 2nd

- Question No. 103

The most popular fertilizer for foliar application is –

**Options :**

1. Potassium
2. Phosphate
3. Urea
4. Ammonium
- 5.

Answer : Urea

- Question No. 104

In the National Cooperative Development Corporation (NCDC) was established for strengthening the cooperative activities in

**Options :**

1. 1953
2. 1963
3. 1973
4. 1983
- 5.

Answer : 1963

- Question No. 105

Which of the following subsequent statement is wrong?

**Options :**

1. The production and classification of soil is known as edaphology
2. Tea, Cassava, Rubber and Cashews grow in Laterite Soil
3. Laterite soil is a local soil
4. Red soils are rich in iron
- 5.

Answer : The production and classification of soil is known as edaphology

- Question No. 106

The practice of forestry with the object of raising flowering trees and shrubs mainly to serve as recreation forests for the urban and rural population is known as:

**Options :**

1. Farm Forestry
2. Recreation Forestry
3. Aesthetic forestry



4. Both c & d

5.

Answer : Both c & d

- Question No. 107

In a hydro-electric plant, spillways are used to \_\_\_ ?

**Options :**

1. To discharge all surplus water
2. To discharge surplus water on the downstream side of dam
3. When water is not available in sufficient quantity
4. None of the above
- 5.

Answer : To discharge surplus water on the downstream side of dam

- Question No. 108

Which of the following type of aquifers is also known as 'Water Table Aquifer'?

**Options :**

1. Unconfined Aquifer
2. Perched Aquifer
3. Confined Aquifer
4. Non-Artesian Aquifer
- 5.

Answer : Unconfined Aquifer

- Question No. 109

Which is the largest chemical fertilizer producer in India?

**Options :**

1. Gujarat State Fertilizers & Chemicals Ltd.
2. Indian Farmers Fertiliser Corporation Limited
3. Rashtriya Chemicals & Fertilizers Ltd.
4. Coromande International Ltd.
- 5.

Answer : Indian Farmers Fertiliser Corporation Limited

• Question No. 110

A is 2 years older than B but 1 year younger than C. B is twice as old as D. If D's age is 25 years, what is the age (in years) of C ?

**Options :**

1. 51 years
2. 53 years
3. 52 years
4. 55 years
- 5.

Answer : 53 years

• Question No. 111

Many resorts in the hilly areas were closed in the monsoon season due to increased threat of landslides. What can be done to promote tourism in monsoon season?

**Options :**

1. Train the local people of the area to fight any natural disaster
2. Build resorts in safe areas
3. Landslides don't occur often and so don't take a serious step
4. Give discounts during monsoon season

5.

Answer : Give discounts during monsoon season

• Question No. 112

Introducing Meenakshi, Ramsingh says, "She is the sister of the son of my mother's sister". How is Meenakshi related to Ramsingh ?

**Options :**

1. Mother
2. Daughter
3. Sister
4. Cousin
- 5.

Answer : Cousin

• Question No. 113

What is related to Menu as Syllabus is related to Course?

**Options :**

1. Meal
2. Diet
3. Spice
4. Curry
- 5.

Answer : Meal

• Question No. 114

In a certain code, '149' means 'eat one bun'; '178' means 'bun is sweet' and '179' means 'eat sweet bun'. Which digit in that code means 'is' ?

**Options :**

1. 4
2. 7
3. 8
4. 1
- 5.

Answer : 8

• Question No. 115

Sanjay walks 20 km in the north direction, then turns in the east direction and walks 4 km. Then in which direction he is now with respect to the starting point?

**Options :**

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

Answer : North east

• Question No. 116

F is the brother of A, C is the daughter of A, K is the sister of F and G is the brother of C, then who is the uncle of G?

**Options :**

1. C
2. A
3. K
4. None of these
- 5.

Answer : None of these

- Question No. 117

Careful is to cautious as boastful is to:

**Options :**

1. Arrogant
2. Humble
3. Joyful
4. Suspicious
- 5.

Answer : Arrogant

- Question No. 118

**Complete the series by choosing the right option.**

Ethane, Propane, Butane

**Options :**

1. Methyl
2. Benzene
3. Methane
4. Octane
- 5.

Answer : Methane

- Question No. 119

The sum of the ages of Pulkit and Yash is 88. Pulkit's age is thrice the age of Yash. What is the age (in years) of Pulkit?

**Options :**

1. 58
2. 56
3. 64
4. 66
- 5.

Answer : 66

• Question No. 120

Read the given statement and answer the question that follows.

Cause: Trees are being cut to build huge houses.

Choose the possible effect of the above cause.

**Options :**

1. Water consumption has increased
2. There is scanty rainfall
3. Roads are narrow
4. Small houses are cheaper
- 5.

Answer : There is scanty rainfall

• Question No. 121

Choose another pair of words with the same relationship as the one given below.

Backstroke: ? : : Bouncer: Cricket

**Options :**

1. Tennis
2. Swimming
3. Hockey

4. Badminton

5.

Answer : Swimming

- Question No. 122

Understand the logic in the given words and choose the odd one out.

**Options :**

1. Bed bug

2. Beetle

3. Lizard

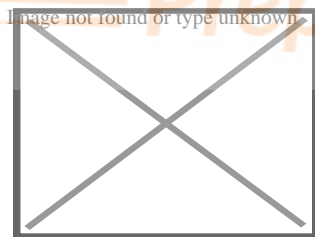
4. Cricket

5.

Answer : Lizard

- Question No. 123

Select the number which can be placed in the column of question mark sign.



**Options :**

1. 56

2. 52

3. 58

4. 57

5.

Answer : 57

- Question No. 124

If A denote  $\div$ , B denotes  $\times$ , C denotes  $+$  and D denotes  $-$ , what is the value of  $16 B 20 A 4 C 5 D 6$ ?

**Options :**

1. 79
2. 80
3. 83
4. 89
- 5.

Answer : 79

- Question No. 125

Which one of the following will be the last but one when arranged according to the English Alphabetical Dictionary?

**Options :**

1. Indiscriminate
2. Indiscipline
3. Indiscretion
4. Indiscernible
- 5.

Answer : Indiscretion

- Question No. 126

If the code for BRUSHING is SHRUBING then what will be the code for SLEEPING?

**Options :**

1. EPLINGSE
2. EPLESING



3. LEEPSING

4. PLEESING

5.

Answer : EPLESING

• Question No. 127

The given equation has been solved on the basis of a certain rule. Find the correct answer for the unsolved equation on that basis:

If  $a \div b = (a + b) \div (a - b)$  then  $(16 \div 4) \times (42 \div 7)$

Options :

1.  $3/7$

2.  $5/3$

3.  $11/3$

4.  $7/3$

5.

Answer :  $7/3$

• Question No. 128

If  $3792 = 39$  and  $7242 = 22$ , then  $2958 = ?$

Options :

1. 48

2. 58

3. 68

4. 78

5.

Answer : 58

- Question No. 129

Choose another pair of words with the same relationship as the one given below.

Wasp: Sting:: Dog:?

**Options :**

1. Domestic
2. Bark
3. Bite
4. White
- 5.

Answer : Bite

- Question No. 130

Working in a shift of 5 hours 39 workers take 12 days to build a stretch of highway. In how many days will 30 workers working 6 hours a day, complete the work?

**Options :**

1. 13 days
2. 30 days
3. 45 days
4. 28 days
- 5.

Answer : 13 days

- Question No. 131

Three containers have their volumes in the ratio 3: 4: 5, They are full of mixtures of milk and water. The mixtures contain milk and water in the ratio of (4: 1), (3: 1) and (5: 2) respectively. The contents of all these three containers are poured into a fourth container. The ratio of milk and water in the fourth container is :

**Options :**

1. 551:48
2. 157:53
3. 4:1
4. 5:2
- 5.

Answer : 157:53

- Question No. 132

How many values of  $x$  and  $y$  satisfy the equation  $2x + 4y = 8$  &  $3x + 6y = 10$ .

**Options :**

1. 1
2. 2
3. 0
4. 16
- 5.

Answer : 0

- Question No. 133

If  $4x = 40$ ,  $3y = 33$ , what is the value of  $6x + 4y$ ?

**Options :**

1. 104
2. 144
3. 121
4. 133
- 5.

Answer : 104

- Question No. 134

If 20% of  $a = b$  and then  $b$  is:

**Options :**

1.  $a/5$
2.  $a$
3.  $a/20$
4.  $20a$
- 5.

Answer :  $a/5$

- Question No. 135

When the printer is sold for Rs. 34000, the owner loses 15%. At what price must that printer be sold in order to gain 15%?

**Options :**

1. Rs. 40000
2. Rs. 42000
3. Rs. 46000
4. Rs. 48000
- 5.

Answer : Rs. 46000

- Question No. 136

A train 125 m long passes a man running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:

**Options :**

1. 45 km/h

- 2. 50 km/hr
- 3. 54 km/hr
- 4. 55 km/hr
- 5.

Answer : 50 km/hr

- Question No. 137

Identify the given logic and complete the series with the correct option. 12, 15, 18, 20,?

**Options :**

- 1. 11
- 2. 21
- 3. 22
- 4. 9
- 5.

Answer : 22

- Question No. 138

Solve:  $666/6/3 = ?$

**Options :**

- 1. 37
- 2. 333
- 3. 111
- 4. 84
- 5.

Answer : 37

- Question No. 139

In covering a distance of 30 km, Abhay takes 2 hours more than Sameer. If Abhay doubles his speed, then he would take 1 hour less than Sameer. Abhay's speed is:

**Options :**

1. 5 kmph
2. 6 kmph
3. 6.25 kmph
4. 7.5 kmph
- 5.

Answer : 5 kmph

- Question No. 140

Which sultan called himself the "Second Alexander"?

**Options :**

1. Chandragupta Maurya
2. Alauddin Khilji
3. Bimbisara
4. Harshvardhana
- 5.

Answer : Alauddin Khilji

- Question No. 141

Fill in the blank with the correct option. I \_ in Hyderabad.

**Options :**

1. have lived
2. have live
3. Living
4. Lives

5.

Answer : have lived

Direction:

Read each sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence.

Mark the part with the error as your answer.

• Question No. 142

The chairman is accessible for staff members, especially those with a personal problem.

**Options :**

1. The chairman is
2. accessible for
3. staff members,
4. especially those with a personal problem
- 5.

Answer : accessible for

Direction:

In each of the following questions, choose the word which can be substitute for the given phrase/sentence.

• Question No. 143

One who studies words and languages

**Options :**

1. Philologist
2. Plagiarist
3. Philatelist
4. Otologist
- 5.

Answer : Philologist

Direction:

In the following questions choose the word opposite in meaning to the given word :

- Question No. 144

Forbid

**Options :**

1. Pleasant
2. Forgive
3. Allow
4. Shallow
- 5.

Answer : Allow

- Question No. 145

Fill in the blank with the correct option. \_\_\_ universities offer a wide range of courses for foreign students.

**Options :**

1. Every
2. Each
3. All
4. Most
- 5.

Answer : Most

Direction:

In the following questions four alternatives are given for the idiom/phrase printed in bold. Choose the alternative which best expresses the meaning of the idiom/phrase and mark it as your answer.



- Question No. 146

to hit the headlines

**Options :**

1. to break the news
2. to begin the talk
3. get into the news
4. to be in the news frequently
- 5.

Answer : get into the news

- Question No. 147

Select the word/phrase that should replace the emboldened word/phrase to make the given sentence grammatically relevant.

In the bus accident, five killed and one injured.

**Options :**

1. Five killed and one were injured.
2. Five was killed and one was injured.
3. Five were killed and one were injured.
4. Five were killed and one was injured.
- 5.

Answer : Five were killed and one was injured.

Direction:

In the following questions four words are given in each question, out of which only one word is correctly spelt.

- Question No. 148

Find the correctly spelt word as your answer.

**Options :**

1. Prepratory
2. Prepraterly
3. Perpartary
4. Preparatory
- 5.

Answer : Preparatory

Direction:

Select the correct passive form of the given sentence.

- Question No. 149

The CEO will be addressing the meeting.

**Options :**

1. The meeting will be addressed by the CEO.
2. The meeting will have to be addressed by the CEO.
3. The meeting will be addressing by the CEO.
4. The CEO will be addressing the meeting.
- 5.

Answer : The CEO will be addressing the meeting.

Direction:

Select the most appropriate option to improve the underlined segment in the given sentence. If no improvement is required, select No improvement.

- Question No. 150

The World is not kind to those who does not tackle their own problems.

**Options :**

1. who do not tackle
2. whom does not tackle
3. who do not tackled
4. No improvement
- 5.

Answer : who do not tackle

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