

• Question No. 1

Which among the following is Photoblastic Seed?

**Options :**

1. Rice
2. Cucumber
3. Gram
4. Lettuce
5. Wheat

Answer : Lettuce

• Question No. 2

Chitala chitala is state fish of \_\_\_

**Options :**

1. Uttar Pradesh
2. Maharashtra
3. Madhya Pradesh
4. Rajasthan
5. None of the above

Answer : Uttar Pradesh

• Question No. 3

Which of the following nutrient is 4th most imp nutrient for Oilseeds and pulses?

**Options :**

1. Nitrogen
2. Potassium

3. Molybdenum
4. Sulphur
5. Phosphorus

Answer : Sulphur

• Question No. 4

Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan Yojana launched on March 2019. How much subsidy is given to farmers for installation of solar pump?

**Options :**

1. 50
2. 30
3. 70
4. 40
5. 60

Answer : 60

• Question No. 5

How much monthly pension is fixed under Pradhan Mantri Kisan Maan Dhan Yojana for farmers after attaining the age of 60?

**Options :**

1. 1000
2. 2000
3. 3000
4. 4000
5. 5000

Answer : 3000

• Question No. 6

When fishes are reared along with plants, plants filtering water for the fishes and fishes provide organic matter to the plants, it is called as \_\_\_\_\_

**Options :**

1. Integrated
2. Composite fish farming
3. Aquaponics culture
4. Polyculture
5. None of them

Answer : Aquaponics culture

• Question No. 7

The deterioration or loss of the productive capacity of the soils due to various reasons like human activity is called as \_\_\_\_\_

**Options :**

1. Land degradation
2. Land Amelioration
3. Land Augmentation
4. Land Improvement
5. All of them

Answer : Land degradation

• Question No. 8

According to CRIDA how much is the Depth at which Deep Ploughing is done?

**Options :**

1. 5 to 10 cm

2. 15-20 cm
3. 25-30 cm
4. 35-40 cm
5. 50-60 cm

Answer : 25-30 cm

• Question No. 9

What is the name of Downey mildew genus, in which secondary and tertiary branches are formed at right angles?

**Options :**

1. Plasmopara
2. Sclerospora
3. Rhizoctonia
4. Pythium
5. None of them

Answer : Plasmopara

• Question No. 10

Tomato damping off is caused due to \_\_\_\_\_

**Options :**

1. Fungus
2. Virus
3. Bacteria
4. Protozoa
5. Nematode

Answer : Fungus

• Question No. 11

A type of plant budding in which a small patch of bark bearing a scion bud is fitted into a corresponding opening in the stock.

**Options :**

1. Patch budding
2. Ring Budding
3. Chip budding
4. T budding
5. Shield budding

Answer : Patch budding

- Question No. 12

Which of the following is not polyembryonic variety of mango?

**Options :**

1. Olour
2. Chandrakaran
3. Malgoa
4. Chausa
5. Goa

Answer : Chausa

- Question No. 13

Which variety of Paddy is known as miracle rice?

**Options :**

1. IR 8
2. Jalmagna
3. TN1
4. Ponni

5. None of them

Answer : IR 8

• Question No. 14

How much is the Sheep gestation period?

**Options :**

1.  $147 \pm 3$

2.  $155 \pm 3$

3.  $210 \pm 3$

4.  $310 \pm 3$

5.  $273 \pm 3$

Answer :  $147 \pm 3$

• Question No. 15

In Animal science the term Stag refers to

**Options :**

1. castrated male of Pig

2. castrated male of Horse

3. castrated male of Goat

4. castrated male of Sheep

5. castrated male of Cow

Answer : castrated male of Pig

• Question No. 16

Ex situ green manuring can be done by \_\_\_\_

**Options :**

1. Subabool
2. Rice bean
3. Sesbania
4. Dhaincha
5. Cowpea

Answer : Subabool

• Question No. 17

Which Rhizobium strain is used in Lentil?

**Options :**

1. Rhizobium meliloti
2. Rhizobium japonicum
3. Rhizobium leguminosarum
4. Rhizobium lupini
5. None of them

Answer : Rhizobium leguminosarum

• Question No. 18

Which trap crop used for red hairy caterpillar in Groundnut?

**Options :**

1. Cow pea
2. Sesamum
3. Rice
4. Maize
5. None of them

Answer : Cow pea

- Question No. 19

Which of the following is a desirable characteristic of trees grown in Alley cropping?

**Options :**

1. Palm Trees
2. Shallow Roots
3. Nitrogen Fixation
4. No-Nitrogen Fixation
5. All of them

Answer : Nitrogen Fixation

- Question No. 20

The practice in which the plants are grown to extract water from area of shallow water table, through transpiration process is called as \_\_\_\_

**Options :**

1. Phyto drainage
2. Bio Drainage
3. Vertical Drainage
4. Mole drainage
5. Ditch drainage

Answer : Bio Drainage

- Question No. 21

Mad cow disease is caused by

**Options :**

1. Virus
2. Prions

3. Bacteria
4. Protozoa
5. Fungus

Answer : Prions

• Question No. 22

How do mitochondria and chloroplasts perform oxidative phosphorylation and photophosphorylation reactions, respectively?

**Options :**

1. Integrated coupling
2. Chemiosmotic coupling
3. Energy from electrochemical gradient
4. Sliding filaments
5. Conformational coupling

Answer : Energy from electrochemical gradient

• Question No. 23

What is the branch of soil related with the origin and classification of soil?

**Options :**

1. Pedology
2. Edaphology
3. Geology
4. Petrology
5. Mineralogy

Answer : Pedology

• Question No. 24

Kew, Queen or Mauritius are varieties of

**Options :**

1. Pineapple
2. Sapota
3. Banana
4. mango
5. Grapes

Answer : Pineapple

• Question No. 25

An organization which is related to export and post harvest management, development of Fishes and aquaculture products in India is \_\_\_\_\_

**Options :**

1. MPEDA
2. CFTRI
3. Fisheries board
4. CMFRI
5. All of these

Answer : MPEDA

• Question No. 26

Lint index is calculated by using how many seeds of cotton?

**Options :**

1. 100 Seeds
2. 400 seeds
3. 800 seeds
4. 300 seeds

5. 500 seeds

Answer : 100 Seeds

• Question No. 27

What is the isolation distance in case of certified seed production in Pearl Millet?

**Options :**

1. 1000 m

2. 500 m

3. 300 m

4. 200 m

5. 100 m

Answer : 200 m

• Question No. 28

Which one of the following is PMFBY Exclusion?

**Options :**

1. Natural Fire and Lightning

2. Storm, Hailstorm, Cyclone, Typhoon, Tempest, Hurricane, Tornado etc.

3. Flood, Inundation and Landslide

4. War and act of enmity

5. Drought, Dry spells

Answer : War and act of enmity

• Question No. 29

In which of the following the Cost of control of pest is equal to cost of management of pest?

**Options :**

1. Economic injury level
2. Economic Threshold level
3. General Equilibrium population
4. Damage boundary
5. None of them

Answer : Economic injury level

• Question No. 30

National Bureau of fish genetic resource situated at \_\_\_\_

Options :

1. Lucknow
2. Cochin
3. Bhuvneshwar
4. Thiruvanthpuram
5. Khozikhode

Answer : Lucknow

• Question No. 31

National Research Center for Integrated Pest Management is located at \_\_\_\_

Options :

1. New Delhi
2. Mumbai
3. Kolkata
4. Nagpur
5. Cochin

Answer : New Delhi

- Question No. 32

The ability of soil to undergo deformation without cracking is called as \_\_\_\_

**Options :**

1. Plasticity of soil
2. Consistency
3. Aggregation
4. Porosity
5. Texture

Answer : Plasticity of soil

- Question No. 33

Chloride cells are present in which part of teleost fishes ?

**Options :**

1. Kidney
2. Gills
3. Bladder
4. Scales
5. Oesophagus

Answer : Gills

- Question No. 34

Albumin part comprises of what percentage in fowl egg by weight?

**Options :**

1. 30%
2. 70%
3. 60%

4. 50%

5. 40%

Answer : 60%

- Question No. 35

Floor space required for a cow in a covered space in sq. feet?

**Options :**

1. 20-30

2. 40-45

3. 60-70

4. 70-90

5. 75-85

Answer : 40-45

- Question No. 36

Unit of specific leaf area (SLA) is \_\_\_\_

**Options :**

1.  $\text{m}^2/\text{kg}$

2.  $\text{cm}^2$

3.  $\text{mg}^{-1}$

4.  $\text{cm}^{-2}$

5.  $\text{cm}^2 \text{ day}^{-1}$

Answer :  $\text{m}^2/\text{kg}$

- Question No. 37

Which chemical developed during fermentation of tea imparts Black Colour of tea?

**Options :**

1. Tannins
2. Theaflavin
3. Catechol
4. Caffein
5. Rubigins

Answer : Theaflavin

• Question No. 38

Alteration of amino acids in sequence without altering protein function is called as

**Options :**

1. Non sense genetic mutation
2. Silent genetic mutation
3. Frameshift mutation
4. Monosomic
5. Trisomic

Answer : Silent genetic mutation

• Question No. 39

Branches arising from the lowermost nodes especially in cereals are called \_\_\_\_\_

**Options :**

1. Suckers
2. Stolon
3. Tillers
4. Rhizomes
5. Runners

Answer : Tillers

- Question No. 40

An instrument used to measure the height of tree, is portable and does not uses Pythagoras theorem

**Options :**

1. Altimeter
2. Hypsometer
3. Abney Level
4. Crescograph
5. None of them

Answer : Hypsometer

- Question No. 41

Molybdenum deficiency in Broccoli leads to

**Options :**

1. Whiptail
2. White Bud
3. Tip Burning
4. Khaira
5. Black tip

Answer : Whiptail

- Question No. 42

Which among the following is not the main function of lubricating oil?

**Options :**

1. to maintain the temperature of engine
2. to reduce the friction
3. to reduce wear and tear

4. to take away the heat from piston
5. to act as seal between piston and cylinder

Answer : to maintain the temperature of engine

- Question No. 43

Dog ridge is the rootstock of

**Options :**

1. drought and salinity resistance rootstock of grape
2. drought and salinity resistance rootstock of lemon
3. drought and salinity resistance rootstock of mango
4. drought and salinity resistance rootstock of banana
5. drought and salinity resistance rootstock of sapota

Answer : drought and salinity resistance rootstock of grape

- Question No. 44

The new sub scheme under PM Kisan Sampada Scheme which aims to build infrastructure, including pre-cooling, weighing, sorting, grading, and waxing facilities at the farm level. It also includes multi-product/multi-temperature cold storage, CA storage, and packing facilities across the supply chain.

**Options :**

1. Infrastructure for Agro-Processing Clusters
2. Mega Food Parks
3. Creation of Food Preservation Unit
4. Integrated Cold Chain and Value Addition Infrastructure
5. Creation of Food Processing Unit Scheme

Answer : Integrated Cold Chain and Value Addition Infrastructure

- Question No. 45

Ratio of yield of photochemical product to total number of quanta used is called as \_\_\_\_

**Options :**

1. Quantum required
2. Quantum quenchment
3. Fluorescence
4. Quantum Yield
5. Phosphorescence

Answer : Quantum Yield

- Question No. 46

Removal of small buds to obtain the bigger flowers is called as

**Options :**

1. Disbudding
2. Pinching
3. Tipping
4. Clipping
5. None of them

Answer : Disbudding

- Question No. 47

Aroma in Rice occurs due to which chemical?

**Options :**

1. 2 butyl 1 pyrroline
2. 2 acetyl 1 pyrroline
3. diacetyl pyrrolidine
4. diacetyl pyrrolidone
5. None of them

Answer : 2 acetyl 1 pyrroline

- Question No. 48

Which of the following is used in neutron moisture meter as neutron source?

**Options :**

1. Am- Be
2. Am - BF<sub>3</sub>
3. Be and BF<sub>3</sub>
4. Ra and B
5. Am and Be

Answer : Am- Be

- Question No. 49

The mating of animal with wider degree of relativity than selective for close breeding is called as

**Options :**

1. Line breeding
2. Out Crossing
3. Criss crossing
4. Inbreeding
5. Close Breeding

Answer : Line breeding

- Question No. 50

After doing workout which drink is used for adding protein, minerals, adding hydration, muscle buildup?

**Options :**

1. Chocolate milk shake

2. Whey Protein
3. Coconut Water
4. Yogurt
5. None of these

Answer : Whey Protein

- Question No. 51

Crush, Tear and curl are practiced in which crop?

**Options :**

1. Tea
2. Coffee
3. Banana
4. Cashew nut
5. betel nut

Answer : Tea

- Question No. 52

In which type of planting are seedlings planted close to each other i.e. the spacing is kept lower than the normal spacing?

**Options :**

1. High density planting
2. Quincunx system
3. Hexagonal system
4. Square system
5. Triangular system

Answer : High density planting

- Question No. 53

Epigeal germination occurs in which crop?

**Options :**

1. Soybean
2. Wheat
3. Rice
4. Maize
5. Mango

Answer : Soybean

- Question No. 54

pF value of hygroscopic coefficient is

**Options :**

1. 4.5
2. 7.0
3. 7.5
4. 2.3
5. 1.5

Answer : 4.5

- Question No. 55

Paecilomyces lilacinus is a chemical used for the control of \_\_\_

**Options :**

1. Fungus
2. bacteria
3. Virus

- 4. Protozoa
- 5. Nematode

Answer : Nematode

- Question No. 56

The set of indicators or properties required to characterize soil quality or soil function is known as \_\_\_\_\_.

**Options :**

- 1. Soil Quality index (SQI)
- 2. Soil conditioning Index (SCI)
- 3. Soil Health Index (SHI)
- 4. Threshold data set
- 5. Mechanically Dispersed Clay (MDC)

Answer : Soil Quality index (SQI)

- Question No. 57

Time (in min) required to kill a known population of micro organism under certain conditions at given lethal time is \_\_\_\_\_

**Options :**

- 1. C value
- 2. D value
- 3. Z value
- 4. F value
- 5. A value

Answer : F value

- Question No. 58

Ooze test is used for the detection of \_\_\_\_

**Options :**

1. Bacteria
2. Fungi
3. Virus
4. Protozoa
5. Virons

Answer : Bacteria

• Question No. 59

Which of the following is known as fertilizer tree?

**Options :**

1. Litchi
2. Coconut
3. Gliricidia
4. Guava
5. Papaya

Answer : Gliricidia

• Question No. 60

Microbes added to soils to decrease the level of contaminants from root area of the plants is called as \_\_\_\_

**Options :**

1. Bio augmentation
2. Rhizosphere phytoremediation
3. Bio drainage
4. Soil enhancement
5. None of them

Answer : Bio augmentation

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