

• Question No. 1

Synonym (Most nearest meaning) of ORATOR is

Options :

1. Speaker
2. Reader
3. Singer
4. Critic
- 5.

Answer : Speaker

• Question No. 2

Antonym (Most opposite meaning) of the word CELESTIAL is

Options :

1. Heavenly
2. Divine
3. Supernatural
4. Earthly
- 5.

Answer : Earthly

• Question No. 3

The correct verb form in this sentence is:

Neither Afzal nor his friends _____present.

Options :

1. was

2. were
3. have
4. has
- 5.

Answer : were

• Question No. 4

River Ganges is _____ largest river in India.

Options :

1. an
2. a
3. the
4. None of these
- 5.

Answer : the

• Question No. 5

You must pay the fees _____ a week

Options :

1. after
2. before
3. within
4. by
- 5.

Answer : within

• Question No. 6

"Rama comes to college regularly". It is

Options :

1. Simple present tense
2. Past tense
3. Future tense
4. Continuous tense
- 5.

Answer : Simple present tense

- Question No. 7

"She will be coming to office very often". It is

Options :

1. Past tense
2. Future tense
3. Future continuous tense
4. Present tense
- 5.

Answer : Future continuous tense

- Question No. 8

Choose the correct sentence from the following

Options :

1. George ran faster than me.
2. George ran faster than I.
3. George ran faster than mine
4. George ran faster than myself.
- 5.

Answer : George ran faster than me.

• Question No. 9

Select the word you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly:

Many people today have fallen into utter confusion of values with the result that they cannot _____ the good from the bad.

Options :

1. divide
2. Differentiate
3. see
4. alter
- 5.

Answer : Differentiate

• Question No. 10

The study of pronunciation of words is called

Options :

1. Orthoepy
2. Phonetics
3. Voice
4. Speech
- 5.

Answer : Orthoepy

• Question No. 11

The following sentence has a word bold. Read the sentence carefully and identify which part of speech the underlined word belongs to. Indicate your response on the answer sheet accordingly.

Hurrah ! What a scintillating beauty the landscape is !

Options :

1. Conjunction
2. Adjective
3. Adverb
4. Interjection
- 5.

Answer : Interjection

• Question No. 12

Choose the correct sentence from the following:

Options :

1. They will come if you would invite them
2. They will come if you will invite them.
3. They will come if you invite them
4. They will come if you had invited them.
- 5.

Answer : They will come if you invite them

• Question No. 13

Choose the correct option from below mentioned change in voice of the given sentence:

The nurse is looking after this little girl.

Options :

1. It is the nurse who is looking after this little girl

2. The little girl is being looked after by this nurse
3. This little girl is being looked after by the nurse.
4. This little girl is looked after by the nurse.
- 5.

Answer : This little girl is being looked after by the nurse.

• Question No. 14

In this question, there is a list of four sentences marked P, Q, R and S that follows a given sentence that together forms a paragraph. Find the proper sequence of the four sentences and make your response accordingly on the Answer Sheet.

Mr. and Mrs. Robert went home late last night.

P. Somebody had broken open the lock.

Q. To their dismay they found all their things missing.

R. They got into the house with a lot of fear.

S. When they reached home they found the front door open.

The proper sequence should be

Options :

1. RSPQ
2. SPRQ
3. QSRP
4. ROPS
- 5.

Answer : SPRQ

• Question No. 15

In this question, the sentence is divided into three bold parts labeled as (A), (B) and (C). Identify the part in which the error is located. If you find no error, your response should be indicated as (D).

Options :

1. The old furnitures
2. was disposed of
3. and the new ones were placed
4. No error.
- 5.

Answer : was disposed of

- Question No. 16

Who presented independent India's first-ever Budget?

Options :

1. James Wilson
2. C Rajgopalachari
3. Jawaharlal Nehru
4. Lord Mountbatten
- 5.

Answer : James Wilson

- Question No. 17

The objective of 'Ladakh Ignited Minds Project' launched by Indian Army is

Options :

1. to promote peace in Ladakh region
2. to combat insurgency in Ladakh
3. to secure better future for the youth of Ladakh
4. to guard Sino-Indian border

5.

Answer : to secure better future for the youth of Ladakh

• Question No. 18

Which is the World's first Country to allow the production, sale and consumption of lab created meat?

Options :

1. USA
2. Singapore
3. Finland
4. Canada
- 5.

Answer : Singapore

• Question No. 19

Which State of India has no scheduled caste population?

Options :

1. Manipur
2. Meghalaya
3. Nagaland
4. Mizoram
- 5.

Answer : Nagaland

• Question No. 20

'Dustlik-II' is a field training military exercise held in March, 2021 between India and_____.

Options :

1. USA
2. Uzbekistan
3. Russia
4. France
- 5.

Answer : Uzbekistan

• Question No. 21

Which one is recognized as the State tree of Tripura?

Options :

1. Banyan Tree
2. Agar Tree
3. Sal Tree
4. Coconut Tree
- 5.

Answer : Agar Tree

• Question No. 22

Neermahal at Melaghar, Tripura was built by

Options :

1. Maharaja Bir Bikram Kishore Manikya
2. Maharaja Kirit Bikram Kishore Manikya
3. Maharaja Radha Kishore Manikya
4. Maharaja Birendra Kishore Manikya
- 5.

Answer : Maharaja Bir Bikram Kishore Manikya

- Question No. 23

Smt. Pratima Bhowmik MP, West Tripura has been recently inducted as Minister of State in Central Cabinet. Her portfolio relates to the department of

Options :

1. Labour and Employment
2. Social Justice and Empowerment
3. Women and Child Development
4. Youth affairs and Sports
- 5.

Answer : Social Justice and Empowerment

- Question No. 24

Sangrai dance is associated with which tribe/sub-tribe of Tripura?

Options :

1. Halam
2. Mog
3. Lushai
4. Chakma
- 5.

Answer : Mog

- Question No. 25

"e-SANTA" is an electronic market place for

Options :

1. Aqua farmers
2. Textile traders

3. Agricultural farmers
4. Pharmaceuticals
- 5.

Answer : Aqua farmers

• Question No. 26

How many tax slabs have been proposed in the new alternative scheme of Income tax announced in Union Budget 2020-21?

Options :

1. 5
2. 6
3. 7
4. 8
- 5.

Answer : 5

• Question No. 27

Indian currency notes are printed in which place?

Options :

1. New Delhi
2. Bombay
3. Nasik
4. Calcutta
- 5.

Answer : Nasik

• Question No. 28

The AYUSH Ministry has launched 'HCCR' Portal recently. With which this portal is associated?

Options :

1. Siddha
2. Ayurveda
3. Unani
4. None of these
- 5.

Answer : None of these

- Question No. 29

The new FDI limit in the Insurance Sector as per the Insurance (Amendment) Bill-2021 is

Options :

1. 54 per cent
2. 74 per cent
3. 79 per cent
4. 60 per cent
- 5.

Answer : 74 per cent

- Question No. 30

"Switch Delhi" is the name of the campaign launched by Delhi Administration to promote

Options :

1. Electric vehicles
2. Greenery
3. Women safety
4. Health insurance
- 5.

Answer : Electric vehicles

- Question No. 31

India's first Agriculture University is established in which state?

Options :

1. Jharkhand
2. Haryana
3. Uttar Pradesh
4. Maharashtra
- 5.

Answer : Uttar Pradesh

- Question No. 32

Which of the following Institute has recently developed genetically-modified cotton varieties?

Options :

1. G. B. Pant University of Agriculture and Technology.
2. Punjab Agricultural University
3. Tamil Nadu Agricultural University
4. Indian Agricultural Research Institute, New Delhi
- 5.

Answer : Punjab Agricultural University

- Question No. 33

As per available statistics of Tripura Horticulture department identify the arrangement of crops in descending order of production in MT.

(i) Pineapple

(ii) Jack fruit

(iii) Mango

(iv) Banana

Options :

1. (i) (ii) (iii) (iv)
2. (iv) (iii) (i) (ii)
3. (ii) (i) (iii) (iv)
4. (ii) (iv) (i) (iii)
- 5.

Answer : (iv) (iii) (i) (ii)

• Question No. 34

In Tripura the net cropped area as per 2018-19 Government of Tripura statistics is

Options :

1. 255548 ha
2. 225508 ha
3. 185785 ha
4. None of these
- 5.

Answer : 255548 ha

• Question No. 35

Consumption of chemical fertilizer in kg/ha (NPK per/ha) in Tripura during 2018-19 is

Options :

1. 62
2. 72

3. 50

4. 47

5.

Answer : 62

• Question No. 36

The first areca nut to get the Geographic Indications (GI) tag is the Sirsi Supari.

In which State is this supari grown?

Options :

1. Karnataka

2. Bihar

3. Andhra Pradesh

4. Odisha

5.

Answer : Karnataka

• Question No. 37

Agartala is situated at an altitude of

Options :

1. 12.80 m

2. 14 m

3. 10 m

4. 18 m

5.

Answer : 12.80 m

• Question No. 38

Rice variety developed by a cross between Pyzum and BPT 5204 is

Options :

1. Naveen
2. Gomati
3. PMB 71
4. None of these
- 5.

Answer : Gomati

- Question No. 39

What is the estimate of horticulture production in 2019/20 as per the second estimate of agriculture Ministry?

Options :

1. 102.08 million tonne
2. 102.76 million tonne
3. 98.85 million tonne
4. 99.85 million tonne
- 5.

Answer : 102.76 million tonne

- Question No. 40

Which district among the following districts in Tripura has highest production of rubber during 2019-20 ?

Options :

1. South district
2. Sepahijala
3. West district
4. Gomati
- 5.

Answer : Sepahijala

• Question No. 41

A standard soil texture triangle represents_____ soil textural classes reflecting specific percentages of sand, silt, or clay.

Options :

1. 36
2. 24
3. 12
4. 30
- 5.

Answer : 12

• Question No. 42

A fertile soil must contain all the 3 major nutrients namely_____ for basic plant nutrition, in addition to 9 key micro nutrients.

Options :

1. Calcium, Nitrogen, Potassium
2. Nitrogen, Iron, Phosphorus
3. Nitrogen, Phosphorus, Potassium
4. Potassium, Calcium, Sulphur
- 5.

Answer : Nitrogen, Phosphorus, Potassium

• Question No. 43

About half of the essential plant nutrients are macronutrients; among which is foremost vital to form carbohydrates, proteins, nucleic acids and other compounds.

Options :

1. Nitrogen
2. Sulphur
3. Carbon
4. Sodium
- 5.

Answer : Carbon

• Question No. 44

Main function of bio-fertilizer is

Options :

1. to increase chemical process
2. to increase physiological process
3. to increase biological process
4. to increase photosynthesis process
- 5.

Answer : to increase physiological process

• Question No. 45

Green manure plants used by farmers mainly belong to

Options :

1. leguminaceae
2. Jacobaca
3. Solanaceae
4. None of these
- 5.

Answer : leguminaceae

- Question No. 46

The pair of highly wind erosion affected States in India is

Options :

1. MP and Maharashtra
2. Kerla and Tamilnadu
3. Punjab and UP
4. Gujarat and Rajasthan
- 5.

Answer : Gujarat and Rajasthan

- Question No. 47

The historical Universal Soil Loss Equation (USLE) is often adopted to predict

Options :

1. Average annual rate of soil erosion
2. Event based soil erosion rates
3. Sedimentograph
4. Land degradation Index
- 5.

Answer : Average annual rate of soil erosion

- Question No. 48

_____kind of permanent soil and water conservation structures are preferred when the purpose is to capture a part of runoff inside the stream (upstream side) for its use for lift irrigation or ground water recharging; and at the same time passing other fraction of stream flows with safe velocities during peak flows.

Options :

1. Drop structures

2. Drop inlet structures
3. Culverts
4. Gabion structures
- 5.

Answer : Culverts

- Question No. 49

Where was the Mitti Bachao (Save the soil) Movement started in India?

Options :

1. Thane, Maharashtra
2. Mysore, Karnataka
3. Darbhanga, Bihar
4. Hoshangabad, Madhya Pradesh
- 5.

Answer : Hoshangabad, Madhya Pradesh

- Question No. 50

What was the full form of the DPAP programme

Options :

1. Draught Prone Area Programme
2. Dry land Project for Andhra Pradesh
3. Doubling Production from Agricultural Projects
4. Dual Policy on Agricultural Productivity
- 5.

Answer : Draught Prone Area Programme

- Question No. 51

_____ is a practice of growing strip of crops having poor potential for erosion control (e.g. root crop, cereals) alternated with strips of crops having good potentials for erosion control (fodder crops, grasses, close growing crops).

Options :

1. Strip cropping
2. Regular cropping
3. Multiple cropping
4. None of these
- 5.

Answer : Strip cropping

- Question No. 52

The _____ with respect to a given outlet point; represents a geophysical area whose surface runoff passes out through the given outlet point only.

Options :

1. Watershed
2. Command
3. Streams
4. Canopy cover
- 5.

Answer : Watershed

- Question No. 53

What is the order of agricultural waste management hierarchy, from most to least favored?

Options :

1. Prevention - Recycle - Reuse - Disposal
2. Prevention - Reuse - Disposal - Recycle

3. Prevention - Disposal - Reuse - Recycle
4. Prevention - Reuse - Recycle - Disposal
- 5.

Answer : Prevention - Reuse - Recycle - Disposal

• Question No. 54

The best combination for key earthen structures which may be used for controlling soil erosion inside of natural agricultural watersheds located in dry land areas are;

Options :

1. Contour bunds, farm ponds, and land smoothening/levelling
2. Graded bunds, Shelterbelts, and terracing
3. Bench terracing, bigger check dams, and ground water dykes
4. Diversion bunds, deep reservoirs and bench terracing
- 5.

Answer : Graded bunds, Shelterbelts, and terracing

• Question No. 55

Sprinkler irrigation system remains a better choice for irrigating areas that have

Options :

1. Undulating topography and lower evaporation rates
2. Plane areas and high evaporation rates
3. Low height crops and high wind velocities
4. Very small size fields and unfertile soils
- 5.

Answer : Undulating topography and lower evaporation rates

• Question No. 56

_____ is the fraction of water entering the soil that must pass through the root zone in order to prevent soil salinity from exceeding a specified value.

Options :

1. Leaching requirement
2. Irrigation potential
3. Irrigation cycle
4. Perennial irrigation
- 5.

Answer : Leaching requirement

- Question No. 57

Water use efficiency and water application uniformity remains highest in which irrigation method?

Options :

1. Border irrigation
2. Flood irrigation
3. Sprinkler irrigation
4. Drip irrigation
- 5.

Answer : Drip irrigation

- Question No. 58

The sodium hazard (Sodicity hazard) of irrigation water are often expressed through SAR. What shall be considered a safe SAR value for irrigation water being applied to crops?

Options :

1. Less than 10
2. 10-20
3. 20-25

4. More than 25

5.

Answer : Less than 10

• Question No. 59

Among below given statements, only one statement is correct. Select the correct statement.

Options :

1. A contour is not an imaginary line
2. Elevation of each and every point on a contour line remains exactly same
3. Two contours can easily cross each other.
4. All of the above statements are correct.
- 5.

Answer : Elevation of each and every point on a contour line remains exactly same

• Question No. 60

_____ is an ecological production management system that promotes and enhances biodiversity, biological cycles and soil biological activity

Options :

1. Organic farming
2. Inorganic farming
3. Dryland farming
4. Irrigated farming
- 5.

Answer : Organic farming

• Question No. 61

International Irrigation Management Institute (IIMI) is located at

Options :

1. Indonesia
2. Sri Lanka
3. Peru
4. Mexico
- 5.

Answer : Sri Lanka

• Question No. 62

Commercial hybrid rice seed production in India is mostly done through

Options :

1. One line system
2. Two line system
3. Three line system
4. None of these
- 5.

Answer : Three line system

• Question No. 63

Among the following, who first used the term Nanotechnology?

Options :

1. Richard Feynman
2. Norio Taniguchi
3. K. Eric Drexler
4. Ernst Ruska
- 5.

Answer : Norio Taniguchi

- Question No. 64

The statistical design used when fertility gradient of soil is in one direction is

Options :

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

Answer : RBD

- Question No. 65

After tillage operations the Bulk density of tilled soil as compared to untilled soil

Options :

1. is more
2. is less
3. is unaltered
4. first decreases and then increases
- 5.

Answer : is less

- Question No. 66

Which is high Salt tolerant crop?

Options :

1. Rice
2. Wheat
3. Barley

4. Soyabean

5.

Answer : Barley

• Question No. 67

The property that is not affected by the amount of organic matter in the soil is

Options :

1. Cation exchange capacity

2. Biological activity

3. Soil texture

4. Soil structure

5.

Answer : Soil texture

• Question No. 68

The herbicide that is selective to broad leaved weeds is

Options :

1. Diquat

2. Paraquat

3. 2, 4-D

4. All of these

5.

Answer : 2, 4-D

• Question No. 69

The loss of herbicide after application to soil is due to

Options :

1. Microbial degradation
2. Leaching
3. Volatilization
4. All of these
- 5.

Answer : Microbial degradation

• Question No. 70

Change in the base sequence within a gene is called

Options :

1. Mutation
2. Cloning
3. Fusion
4. Breeding
- 5.

Answer : Mutation

• Question No. 71

Father of organic farming is

Options :

1. Peter Dokuchev
2. Stevenson
3. Sorenson
4. Sir Albert Howard
- 5.

Answer : Sir Albert Howard

- Question No. 72

Most common Alien weeds are

Options :

1. Parthenium spp
2. Striga spp
3. Cynodon dactylon
4. E. colonum
- 5.

Answer : Parthenium spp

- Question No. 73

Calculate the bulk density of a 400 cm³ soil sample that weighs 575 g (oven dry weight).

Options :

1. 1.35 g/cm³
2. 0.75 cm²/g
3. 13,500 g/cm³
4. 1.44 g/cm³
- 5.

Answer : 1.44 g/cm³

- Question No. 74

An example of beast fibre is

Options :

1. Cotton
2. Kapok
3. COIR

4. Jute

5.

Answer : Jute

- Question No. 75

Growing of coconut, black pepper and ginger simultaneously in the same field is called

Options :

1. Alley cropping
2. Multistoried cropping
3. Relay cropping
4. Multiple cropping
- 5.

Answer : Multistoried cropping

- Question No. 76

Maximum, minimum and optimum temperatures are collectively termed as

Options :

1. Base
2. Cumulative
3. Cardinal
4. Quotient
- 5.

Answer : Cardinal

- Question No. 77

How many number of plants/ha, if a crop is sown at 45 cm×15 cm?

Options :

1. 148000
2. 83333
3. 122122
4. 11111
- 5.

Answer : 148000

• Question No. 78

Agronomic efficiency is expressed as

Options :

1. Kg/kg
2. Kg/day
3. Kg/ha
4. None of these
- 5.

Answer : Kg/kg

• Question No. 79

The C:N ratio of humus is

Options :

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

Answer : 10:1

- Question No. 80

The micronutrient that is most crucial for Nitrogen metabolism in pulses is

Options :

1. Iron
2. Zinc
3. Copper
4. Molybdenum
- 5.

Answer : Molybdenum

- Question No. 81

Percentage share of horticulture output in Agriculture is

Options :

1. 33%
2. 25%
3. 28%
4. None of these
- 5.

Answer : 33%

- Question No. 82

Which hormone can be used to break dormancy of seed?

Options :

1. GA₃
2. Ethrel
3. IBA

4. All of these

5.

Answer : GA_3

- Question No. 83

For long distance transportation musk melon should be harvested at _____ stage

Options :

1. Half slip

2. Full slip

3. Hard slip

4. Full ripe

5.

Answer : Full slip

- Question No. 84

In pomegranate fruit cracking is due to deficiency of _____.

Options :

1. Boron

2. Iron

3. Calcium

4. Copper

5.

Answer : Boron

- Question No. 85

Dogridge is a salt tolerant rootstock for

Options :

1. Citrus
2. Mango
3. Grape
4. Plum
- 5.

Answer : Grape

• Question No. 86

In which of the following flower crop "bending" is followed?

Options :

1. Camation
2. Liliium
3. Rose
4. Marigold
- 5.

Answer : Rose

• Question No. 87

Plants which supply pollen for effective fruit set of a fruit tree are called

Options :

1. Pollinators
2. Male sterile
3. Haploids
4. Pollenizers
- 5.

Answer : Pollenizers

- Question No. 88

Which of the following vegetable is most tolerant to salt?

Options :

1. Tomato
2. Pea
3. Potato
4. Onion
- 5.

Answer : Pea

- Question No. 89

Which hormone is used to enhance number of female flowers in cucurbits?

Options :

1. NAA
2. Ethylene
3. GA₃
4. IAA
- 5.

Answer : Ethylene

- Question No. 90

Asfoetida (Hing) is extracted from which part of the plant?

Options :

1. Flowers
2. Roots
3. Leaves

4. All of these

5.

Answer : Roots

• Question No. 91

Among the following which condition causes self pollination?

Options :

1. Cleistogamy

2. Homogamy

3. Monoecy

4. All of these

5.

Answer : All of these

• Question No. 92

In Gerbera, removal of inferior quality flowers at the initial stage is called

Options :

1. Disbudding

2. Bending

3. Trashing

4. Training

5.

Answer : Disbudding

• Question No. 93

Golden flake is a disorder of

Options :

1. Capsicum
2. Potato
3. Tomato
4. Pen
- 5.

Answer : Tomato

• Question No. 94

Citronella is commercially propagated through

Options :

1. Seeds
2. Rooted slips
3. Grafts
4. Layers
- 5.

Answer : Rooted slips

• Question No. 95

Rose is commercially propagated by

Options :

1. 'T' budding
2. Patch budding
3. Ring budding
4. Forkert budding
- 5.

Answer : 'T' budding

- Question No. 96

Stem bleeding is a disorder of

Options :

1. Areca nut
2. Cashew
3. Oil palm
4. Coconut
- 5.

Answer : Coconut

- Question No. 97

Periwinkle is cultivated as

Options :

1. Avenue plant
2. Medicinal plant
3. Spice crop
4. Aromatic plant
- 5.

Answer : Medicinal plant

- Question No. 98

Percentage of shade required for growing anthurium in summer is

Options :

1. 50
2. 60
3. 70

4. 120

5.

Answer : 70

- Question No. 99

Blue colour rose in Japan has been developed through

Options :

1. Mutation
2. Hybridization
3. Polyploidy
4. Genetic engineering
- 5.

Answer : Genetic engineering

- Question No. 100

Pinching is common practices in

Options :

1. Carnation
2. Gladiolus
3. Rose
4. Chrysanthemum
- 5.

Answer : Carnation

- Question No. 101

Pusa Meghdoot is a first hybrid of

Options :

1. Pointed gourd
2. Cucumber
3. Bitter gourd
4. Bottle gourd
- 5.

Answer : Bottle gourd

• Question No. 102

Thickness of UV stabilized polyethylene used as a cladding material in greenhouse is

Options :

1. 100 micron.
2. 200 micron
3. 250 micron
4. 300 micron
- 5.

Answer : 200 micron

• Question No. 103

Which of the following mineral is responsible for firmness of fruit?

Options :

1. Potassium
2. Calcium
3. Phosphorous
4. Zinc
- 5.

Answer : Calcium

- Question No. 104

Hollow heart is a disorder of

Options :

1. Tomato
2. Cabbage
3. Potato
4. Carrot
- 5.

Answer : Potato

- Question No. 105

Gaseous phytohormone that promotes ripening of fruits.

Options :

1. ABA
2. GA3
3. IAA
4. Ethylene
- 5.

Answer : Ethylene

- Question No. 106

The enzyme which is involved in the softening of the fruit texture during ripening is

Options :

1. Kinase
2. Amylase
3. Hydrolases

4. Pectate lyase

5.

Answer : Pectate lyase

- Question No. 107

World Vegetable Centre previously known as Asian Vegetable Research and Development Centre is located at

Options :

1. China
2. Brazil
3. South Korea
4. Taiwan
- 5.

Answer : Taiwan

- Question No. 108

Ethylene is often referred as _____ hormone.

Options :

1. Ripening
2. Dwarfing
3. Rooting
4. Flowering
- 5.

Answer : Ripening

- Question No. 109

Seed dormancy allows plants to rest.

Options :

1. cultivate healthy seeds
2. suffocate viability
3. overcome adverse weather conditions
4. avoid seed degradation
- 5.

Answer : overcome adverse weather conditions

• Question No. 110

Which is the yellow coloured variety of capsicum?

Options :

1. Indra
2. California wonder
3. Bharat
4. Orobelle
- 5.

Answer : Orobelle

• Question No. 111

Test cross ratio for the monohybrid is

Options :

1. 1:7
2. 1:1
3. 9:7
4. 3:1
- 5.

Answer : 1:1

- Question No. 112

National Research Centre on Seed Spice is located at

Options :

1. Kolkata
2. Chennai
3. Calicut
4. Ajmer
- 5.

Answer : Ajmer

- Question No. 113

The situation in which the phenotype of heterozygote's falls between those of homozygote's for two concerned alleles is called

Options :

1. Incomplete dominance
2. Complete dominance
3. Over dominance
4. Pseudo dominance
- 5.

Answer : Incomplete dominance

- Question No. 114

The probability that two genes at any locus in an individual are identical by descent refers to

Options :

1. Selection coefficient
2. Inbreeding coefficient

3. Regression coefficient
4. Correlation coefficient
- 5.

Answer : Inbreeding coefficient

• Question No. 115

The F1 progeny of a cross is

Options :

1. Homozygous and Homogeneous
2. Homozygous and Heterogeneous
3. Heterozygous and Heterogeneous
4. Heterozygous and Homogeneous
- 5.

Answer : Heterozygous and Homogeneous

• Question No. 116

Calvin cycle is predominantly found in

Options :

1. Rice
2. Maize
3. Garlic
4. Pineapple
- 5.

Answer : Rice

• Question No. 117

Dee-geo-woo-gen is a rice variety belonging to the group

Options :

1. Indica
2. Japonica
3. Javanica
4. African
- 5.

Answer : Japonica

• Question No. 118

A trisomy can be represented by

Options :

1. $2n+1$
2. $2n+3$
3. $2n-1-1-1$
4. $2n-3$
- 5.

Answer : $2n+1$

• Question No. 119

Somatic hybridisation is achieved through

Options :

1. Grafting
2. Conjugation
3. Protoplast fusion
4. Recombinant DNA Technology
- 5.

Answer : Protoplast fusion

- Question No. 120

The oxidation of one molecule of NADH in mitochondria results in formation of

Options :

1. Two molecules of ATP
2. Five molecules of ATP
3. Three molecules of ATP
4. One molecule of ATP
- 5.

Answer : Three molecules of ATP

- Question No. 121

Oxidative phosphorylation occurs at

Options :

1. protoplast
2. Mitochondria
3. Nucleus
4. vacuole
- 5.

Answer : Mitochondria

- Question No. 122

A diploid organism is heterozygous for four loci, how many types of gametes can be produced?

Options :

1. 64
2. 16
3. 81

4. 27

5.

Answer : 16

- Question No. 123

An example of C4 crop is

Options :

1. Rice
2. Groundnut
3. Sweet potato
4. Sorghum
- 5.

Answer : Sorghum

- Question No. 124

The breeding method useful in purification of existing varieties is

Options :

1. Pedigree method
2. Bulk method
3. Mass selection
4. Back cross method
- 5.

Answer : Mass selection

- Question No. 125

Deoxyribose sugar and bases in DNA are joined through

Options :

1. Phosphodiester bond
2. Salt bridge
3. Glycosidic bond
4. Peptide bond
- 5.

Answer : Glycosidic bond

• Question No. 126

In hybrid seed production male sterile lines are maintained by crossing with

Options :

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

Answer : B line

• Question No. 127

Southern com leaf blight is associated with which of the following cytoplasm of maize ?

Options :

1. Cms-T
2. Cms-S
3. Cms-C
4. N cytoplasm
- 5.

Answer : Cms-T

- Question No. 128

The colour of breeder seed tag is

Options :

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

Answer : Golden yellow

- Question No. 129

The male sterility system which is widely used in hybrid seed production of crop plants is

Options :

1. GMS
2. TGMS
3. CGMS
4. CMS
- 5.

Answer : CMS

- Question No. 130

Koelreuter carried out hybridization experiments in

Options :

1. Carnation
2. Maize
3. Tobacco

4. Pea

5.

Answer : Tobacco

- Question No. 131

Where is the headquarters of Directorate of Plant Protection, Quarantine and Storage located?

Options :

1. Hyderabad

2. Ludhiana

3. New Delhi

4. Faridabad

5.

Answer : Faridabad

- Question No. 132

Which is the egg parasitoid of sugarcane pyrilla?

Options :

1. Epiricania melanoleuca

2. Tetrastichus pyrillae

3. Fulgoraecia melanoleuca

4. Trichogramma chilonis

5.

Answer : Epiricania melanoleuca

- Question No. 133

Which type of lifecycle is observed in thrips?

Options :

1. Complete lifecycle
2. Incomplete lifecycle
3. all of these
4. None of these
- 5.

Answer : Complete lifecycle

• Question No. 134

Which nematode is known as cyst nematode?

Options :

1. Longidorus
2. Globodera
3. Meloidogine
4. Trichodorus
- 5.

Answer : Globodera

• Question No. 135

Which is the trade name of flufenoxuron insecticide?

Options :

1. Cascade
2. Sivanto
3. Coragen
4. Benevia
- 5.

Answer : Cascade

- Question No. 136

Protein content in lentils is

Options :

1. 18g
2. 25g
3. 16g
4. 20g
- 5.

Answer : 25g

- Question No. 137

Insect body is divided into how many regions?

Options :

1. Four
2. Three
3. Two
4. None of these
- 5.

Answer : Three

- Question No. 138

Goniozus nephantidis is parasitoid of which insect pest?

Options :

1. Red palm weevil
2. Brinjal shoot and fruit borer
3. Coconut black headed caterpillar

4. Pink bollworm

5.

Answer : Coconut black headed caterpillar

- Question No. 139

Which among the following is monophagous insect pest?

Options :

1. Pink bollworm

2. Whitegrub

3. Pink stemborer

4. Both (A) and (C)

5.

Answer : Pink bollworm

- Question No. 140

Calculate EIL in terms of pest population/ha with the following figures.

C= management cost per unit area = Rs. 3000/ha; V= market value (in Rs/ unit product) =Rs 1000/tonne; I= crop injury / Pest density = 1% defoliation /100 insect; D= Loss caused by unit injury = 0.05 tonne loss/ 1%defoliation; K = Proportionate reduction in injury by pesticide application = 0.8(80% control)

Options :

1. 5500

2. 4500

3. 7500

4. 8500

5.

Answer : 7500

- Question No. 141

What is/are the mode(s) of action of trichomes for insect resistance in plants?

Options :

1. Bleeding
2. Restriction in oviposition
3. Restriction in locomotion
4. All of these
- 5.

Answer : Restriction in oviposition

- Question No. 142

The infested leaves curl upward, crumble and shed in chili characteristic symptom of which pest?

Options :

1. Thrips
2. Aphids
3. Mite
4. All of these
- 5.

Answer : Thrips

- Question No. 143

Third generation pesticides are

Options :

1. Insect hormone analogues
2. Insect repellents
3. Pheromones

4. Pathogens

5.

Answer : Insect repellents

- Question No. 144

Which of the following is the recently introduced insect pest in India?

Options :

1. Spodoptera latifascia
2. Spodoptera frugiperda
3. Spodoptera exigua
4. Spodoptera ornithogalli
- 5.

Answer : Spodoptera frugiperda

- Question No. 145

Which among the following nozzle is used for application of herbicide?

Options :

1. Flat fan nozzle
2. Triple action nozzle
3. Flood jet nozzle
4. All of these
- 5.

Answer : Flat fan nozzle

- Question No. 146

Select correct formula of urea

Options :

1. H₂NCO₂NH₂
2. HNCONH
3. H₂NCONH₂
4. H₄NCONH₄
- 5.

Answer : H₂NCONH₂

- Question No. 147

"The Great Hunger" also called the Irish Potato Famine occurred due to which disease in potato ?

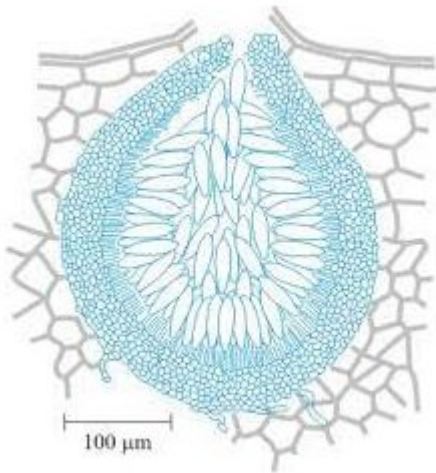
Options :

1. Late blight, in 1845-49
2. Early blight, in 1745-49
3. Early blight, in 1845-49
4. Late blight, in 1745-49
- 5.

Answer : Late blight, in 1845-49

- Question No. 148

What is the structure called?



Options :

1. Pycnidium
2. Sclerotium
3. Acervulus
4. Sorus
- 5.

Answer : Pycnidium

- Question No. 149

What is the full form ICTV?

Options :

1. International Code for Taxonomy for Viruses
2. International Committee on Taxonomy of Viruses
3. International Committee for Taxonomy of Viruses
4. International Code on Taxonomy of Viruses
- 5.

Answer : International Committee on Taxonomy of Viruses

- Question No. 150

Buttuning is the problem in which of the following crops?

Options :

1. Cauliflower
2. Okra
3. Chillies
4. Melon
- 5.

Answer : Cauliflower

- Question No. 151

Which one is the bacterial disease of wheat?

Options :

1. Common smut
2. Pink seed
3. Bacterial Leaf Streak and Black Chaff
4. rust of wheat
- 5.

Answer : Bacterial Leaf Streak and Black Chaff

- Question No. 152

Which asexual fruiting body is produced by Helminthosporium?

Options :

1. Synnema
2. Pycnidium
3. Conidiophores
4. All of these
- 5.

Answer : Conidiophores

- Question No. 153

Which symptoms are produced by fungi in plants?

Options :

1. Mosaic
2. Canker
3. Scab
4. None of these
- 5.

Answer : Canker

- Question No. 154

Symptom of plant disease that occurs as an abnormal brushlike cluster of dwarfed weak shoots arising at or near the same point

Options :

1. Puckering
2. Witches' broom
3. Shoe string
4. Enations
- 5.

Answer : Witches' broom

- Question No. 155

Which is the alternate host of stem rust of wheat?

Options :

1. Brinjal
2. Berberis sp
3. Thalictrum sp
4. Brassica sp
- 5.

Answer : Berberis sp

• Question No. 156

Bunchy top disease of banana is transmitted by

Options :

1. Myzus persicae
2. Pentalonia nigronervosa
3. Aphis nerii
4. Lipaphis erysimi
- 5.

Answer : Pentalonia nigronervosa

• Question No. 157

Sesame phyllody is caused by

Options :

1. Mycoplasma Like Organisms (MLO)
2. Virus
3. Phytoplasma
4. Bacteria
- 5.

Answer : Mycoplasma Like Organisms (MLO)

- Question No. 158

Ramularia areola produce which type of disease in cotton crop?

Options :

1. Powdery mildew
2. Grey mildew
3. Brown mildew
4. Downy mildew
- 5.

Answer : Grey mildew

- Question No. 159

Pineapple black rot disease is

Options :

1. Viral disease
2. Fungal disease
3. Bacterial disease
4. None of these
- 5.

Answer : Fungal disease

- Question No. 160

Leaf crinkle disease of black gram is transmitted by

Options :

1. Whitefly
2. Sap
3. Seed

4. All of these

5.

Answer : Seed

- Question No. 161

The most commonly used method of depreciation is

Options :

1. Annual revaluation method
2. Diminishing Balance method
3. Straight line method
4. Sum of years digit method
- 5.

Answer : Straight line method

- Question No. 162

In a classical production function, the elasticity of production is greater than one, where

Options :

1. The point of equality between APP and MPP
2. Up to the point where APP is maximum
3. The point where TPP is maximum
4. The point where MPP is maximum
- 5.

Answer : The point where MPP is maximum

- Question No. 163

The type of farming that reduces risk is known as_____

Options :

1. Specialized farming
2. Mixed farming
3. Diversified farming
4. Ranching farming
- 5.

Answer : Diversified farming

• Question No. 164

Pepsico Company engaging in tomato procurement directly from farmers is an example of

Options :

1. Horizontal integration
2. Vertical integration
3. Conglomeration
4. Forward integration
- 5.

Answer : Vertical integration

• Question No. 165

Preparing farm budget in advance is known as_____

Options :

1. Farm planning
2. Advanced estimates
3. Farm budgeting
4. Partial budgeting
- 5.

Answer : Farm planning

- Question No. 166

International Food Safety standards are developed by

Options :

1. □□□□
2. ODEX
3. ECOMARK
4. FAO
- 5.

Answer : FAO

- Question No. 167

According to third advance estimates of crop production 2023-24, total foodgrain production in India is _____

Options :

1. 2424.42 LMT
2. 3288.52 LMT
3. 5386.88 LMT
4. 2276.98 LMT
- 5.

Answer : 3288.52 LMT

- Question No. 168

The market where the produce is either finally disposed off to the consumer (or) processors (or) assembled for export is called as

Options :

1. Primary market
2. Secondary market

3. Terminal market
4. Seaboard market
- 5.

Answer : Terminal market

- Question No. 169

The Central AGMARK lab is located at

Options :

1. Kolkata
2. Mumbai
3. Nagpur
4. Chennai
- 5.

Answer : Nagpur

- Question No. 170

Audience response is an element in the communication model of

Options :

1. Berlo
2. Shanon and Weaver
3. Legans
4. Laswell
- 5.

Answer : Legans

- Question No. 171

An institute at the State level for training of State department of agriculture people is

Options :

1. FTC
2. MANAGE
3. SAMETI
4. EEI
- 5.

Answer : SAMETI

- Question No. 172

As per Census 2011, there are about 263 million agricultural workers in India. Out of this, women percentage is how much ?

Options :

1. 20%
2. 37%
3. 47%
4. 50%
- 5.

Answer : 37%

- Question No. 173

Kissan Call Center (KCC) was started in India in the year

Options :

1. 2001
2. 2004
3. 2010
4. 2005
- 5.

Answer : 2004

• Question No. 174

The process by which an innovation is communicated through certain channels over time among the members of social system is known as

Options :

1. Distortion
2. Diffusion
3. Adoption
4. None of these
- 5.

Answer : Diffusion

• Question No. 175

Conducting method demonstration is based on the principle of

Options :

1. Learning by doing
2. Satisfaction
3. Cooperation and participation
4. Teaching
- 5.

Answer : Learning by doing

• Question No. 176

First KVK in India was established at

Options :

1. Jaipur
2. Pondicherry
3. Gopalapuram
4. None of these
- 5.

Answer : Pondicherry

- Question No. 177

Cooperative marketing in India has _____ tier structure.

Options :

1. Two
2. Four
3. Three
4. can be two and three
- 5.

Answer : can be two and three

- Question No. 178

Repayment of loans in a series of installment is called

Options :

1. Liquidity
2. Amortization
3. Hypothecation
4. Leverage
- 5.

Answer : Amortization

- Question No. 179

Which of the following offers a sort of price guarantee on the part of farmers to cultivate the crop?

Options :

1. Procurement price
2. Minimum Support Price
3. Equilibrium price
4. Issue price
- 5.

Answer : Minimum Support Price

- Question No. 180

Commission for Agricultural Costs and Prices (CACP) was established in the year

Options :

1. 1955
2. 1975
3. 1965
4. 1985
- 5.

Answer : 1965

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