

• Question No. 1

Which is an inert growth media?

Options :

1. Rockwool
2. Soil
3. Compost
4. All of the above
- 5.

Answer : Rockwool

• Question No. 2

Lower plants reproduce by

Options :

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

Answer : Spores

• Question No. 3

Lichens are indicators of

Options :

1. Damp Condition
2. Clean air

3. Nitrogen and Cause pollution in ponds
4. Disease
- 5.

Answer : Clean air

• Question No. 4

The cone bearing gymnosperms come under

Options :

1. Spermatophyta
2. Pteridophyta
3. Bryophyta
4. Chlorophyta
- 5.

Answer : Spermatophyta

• Question No. 5

The endoplasmic reticulum of adjacent cells is connected by

Options :

1. Plasmodesmata
2. Cytoplasmic sleeve
3. Desmotubules
4. Central rod
- 5.

Answer : Desmotubules

• Question No. 6

The seed is born naked in

Options :

1. Angiosperms
2. Ferns
3. Conifers
4. Horsetails
- 5.

Answer : Conifers

• Question No. 7

Cyano-bacteria is classified under

Options :

1. Monera
2. Protista
3. Fungi
4. Plants
- 5.

Answer : Monera

• Question No. 8

Almost all members of which of the following family are susceptible to fireblight disease?

Options :

1. Liliaceae
2. Fabaceae
3. Ranunculaceae
4. Rosaceae
- 5.

Answer : Rosaceae

• Question No. 9

What is the meaning of the term vigor in seed propagation?

Options :

1. Visible sign of growth
2. Ability to germinate under different environmental conditions
3. Percentage germination rate
4. Percentage of viable seed
- 5.

Answer : Ability to germinate under different environmental conditions

• Question No. 10

The most prominent membrane lipid found in plants are

Options :

1. Phospholipid
2. Glycerolipid
3. Glycolipid
4. Phosphoglycerolipid
- 5.

Answer : Glycerolipid

• Question No. 11

The embryos of seeds contain enzymes responsible for aiding germination. During germination detection test, these enzymes gives a brilliant red stain upon reaction with

Options :

1. 1% triphenyl methane
2. 1% acid rhodamine B

3. 1% triphenyl tetrazolium chloride
4. 1% acid red 52
- 5.

Answer : 1% triphenyl tetrazolium chloride

• Question No. 12

Plants with very short life spans and complete several life cycles in a season is called

Options :

1. Perennials
2. Half hardy annuals
3. Annuals
4. Ephemerals
- 5.

Answer : Ephemerals

• Question No. 13

Monocotyledons lack the new growth producing cells called

Options :

1. Xylem
2. Phloem
3. Cambium
4. None of the above
- 5.

Answer : Cambium

• Question No. 14

Which of the following is/are a root stimulant?

Options :

1. Auxin
2. Indole-butyric acid
3. Naphthylacetic acid
4. All of the above
- 5.

Answer : All of the above

• Question No. 15

Proteins that serve as ion channels are always _____ membrane proteins.

Options :

1. Anchored
2. Peripheral
3. Both (A) and (B)
4. Integral
- 5.

Answer : Integral

• Question No. 16

Which is an example of modified stem?

Options :

1. Corms
2. Haustoria
3. Pneumatophores
4. Prop roots
- 5.

Answer : Corms

- Question No. 17

The manufactured sugar formed during photosynthesis is transported from the leaf through

Options :

1. Xylem
2. Phloem
3. Stomata
4. Guard Cells
- 5.

Answer : Phloem

- Question No. 18

Leaf area index influences

Options :

1. Photosynthesis and growth
2. Sunlight absorbed and energy conversion
3. Gaseous exchange between the plant and the environment
4. All of the above
- 5.

Answer : All of the above

- Question No. 19

If a plant had just one layer of leaves each joining each other, then the leaf area would match the ground area and then LAI (Leaf Area Index) would be

Options :

1. 2.0 to 5.0
2. 1.1

3. 1.0

4. 0.5

5.

Answer : 1.0

• Question No. 20

DNA coiled twice around the histone forms

Options :

1. Nucleosome

2. Solenoid

3. Chromatin

4. Euchromatin

5.

Answer : Nucleosome

• Question No. 21

Which plant pigment is responsible for red/purple colour leaves?

Options :

1. Carotene

2. Anthocyanin

3. Xanthophyll

4. Chlorophyll-b

5.

Answer : Anthocyanin

• Question No. 22

Which is a day-neutral plant?

Options :

1. Cabbage
2. Tomato
3. Rice
4. None of the above
- 5.

Answer : Tomato

• Question No. 23

Under high light levels and high temperature, which type of plant will perform photosynthesis quicker and more effectively?

Options :

1. C₃ plants
2. C₄ plants
3. Both C₃ and C₄ plants
4. None of the above
- 5.

Answer : C₄ plants

• Question No. 24

Plant strategies like thick cuticles, close stomata, curl leaves are done for

Options :

1. To reduce water loss
2. Reducing leaf turgidity
3. for increasing leaf area
4. Reducing humidity
- 5.

Answer : To reduce water loss

- Question No. 25

Nuclei contain densely granular region called

Options :

1. Nucleolar localization region
2. Nucleolus
3. NPR
4. Nucleoporin
- 5.

Answer : Nucleolus

- Question No. 26

What will be the colour reaction with iodine of a plant kept in dark for few days?

Options :

1. White
2. Deep blue
3. Yellow or brown
4. Green
- 5.

Answer : Yellow or brown

- Question No. 27

Cytoplasm of one cell is connected to another cell by passageways called

Options :

1. Lignin

2. Cell membrane
3. Vascular bundles
4. Plasmodesmata
- 5.

Answer : Plasmodesmata

• Question No. 28

90 percent of plant growth occurs through cell enlargement called

Options :

1. Vacuolation
2. Tonoplast
3. Tip growth
4. Cell turgidity
- 5.

Answer : Vacuolation

• Question No. 29

What is the reason for "bitch scorch" in turf?

Options :

1. High sodium levels in dog urine
2. High potassium levels in dog urine
3. High pH of dog urine
4. High temperature of dog urine
- 5.

Answer : High potassium levels in dog urine

• Question No. 30

Membrane asymmetry can be counter – acted by enzymes that involved in transport of newly synthesized phospholipids

Options :

1. Secretase
2. Nucleases
3. Flippase
4. All of the above
- 5.

Answer : Flippase

- Question No. 31

The first sign of germination of the seeds is

Options :

1. Emergence of plumule
2. Emergence of cotyledons
3. Emergence of radical
4. None of the above
- 5.

Answer : Emergence of radical

- Question No. 32

Which among the following seeds germinate by hypogeal germination?

Options :

1. Peas
2. Grass
3. Cereals
4. All of the above

5.

Answer : All of the above

• Question No. 33

Bubble photometer measures

Options :

1. Transpiration
2. Respiration
3. Photosynthesis
4. Humidity
- 5.

Answer : Transpiration

• Question No. 34

Stalk of a single flower is called

Options :

1. Sepal
2. Pedicel
3. Stigma
4. Receptacle
- 5.

Answer : Pedicel

• Question No. 35

Glycoprotein and polysaccharides destined for secretion are processed in the

Options :

1. ER
2. Golgi apparatus
3. Nucleus
4. Cytoplasm
- 5.

Answer : Golgi apparatus

- Question No. 36

Tulip and Pea flowers are

Options :

1. Monoecious
2. Dioecious
3. Hermaphrodite
4. None of the above
- 5.

Answer : Hermaphrodite

- Question No. 37

Monocotyledons flowers do not have distinct sepals or petals. The combined petals and sepals found in them are called

Options :

1. Nectorium
2. Androecium
3. Corolla Whirl
4. Perianth
- 5.

Answer : Perianth

- Question No. 38

Which is the single most important soil property?

Options :

1. Colloidal property
2. Organic matter content
3. Workability
4. Texture
- 5.

Answer : Texture

- Question No. 39

Root secrete weak organic acids which attack the rocks and start to dissolve away the softer parts are

Options :

1. Humic acid
2. Tannic acid
3. Acetic acid
4. All of the above
- 5.

Answer : All of the above

- Question No. 40

Which among the following is the oil body formed in the Endoplasmic Reticulum?

Options :

1. Oleosin
2. Caleosin
3. Steroleosin

4. All of the above

5.

Answer : Oleosin

• Question No. 41

The mineral fraction of the soil represents

Options :

1. Sand

2. Silt

3. Clay

4. All of the above

5.

Answer : All of the above

• Question No. 42

Which soil structure is ideal for growing plants?

Options :

1. Crumb

2. Single grain

3. Prismatic

4. Blocky

5.

Answer : Crumb

• Question No. 43

The maximum amount of water that a soil can hold after the excess has drained away under the force of gravity is called

Options :

1. Field capacity
2. Available water
3. Gravitational water
4. Drainage water
- 5.

Answer : Field capacity

• Question No. 44

Difference between the soil water content at field capacity and wilting point water is called

Options :

1. Permanent wilting point
2. Available water-holding capacity
3. Available water
4. Drainage water
- 5.

Answer : Available water

• Question No. 45

The microbodies that are specialized for the beta oxidation

Options :

1. Peroxisomes and glyoxysomes
2. Peroxisomes and peroxules
3. Peroxisomes and ribosomes
4. All of the above
- 5.

Answer : Peroxisomes and glyoxysomes

- Question No. 46

Plants that are produced by vegetative propagation is also known as

Options :

1. Strain
2. Clone
3. Variety
4. None of the above
- 5.

Answer : Clone

- Question No. 47

In British Drug House (BDH) method of pH testing, soil is mixed with distilled water, universal indicator solution and _____ for a colour reaction.

Options :

1. Barium chloride
2. Barium sulphate
3. Potassium chloride
4. Sodium chloride
- 5.

Answer : Barium sulphate

- Question No. 48

Lime dressing raises the top 150 mm of soil of pH

Options :

1. 7.0
2. 7.5

3. 6.5

4. 5

5.

Answer : 7.0

• Question No. 49

How is the change in pH of soil cover time due to rainfall?

Options :

1. More alkaline

2. More acidic

3. Neutral

4. No change in pH

5.

Answer : More acidic

• Question No. 50

_____ are the cellular sites of respiration

Options :

1. ER

2. Mitochondria

3. Ribosome

4. Chloroplast

5.

Answer : Mitochondria

• Question No. 51

Choose the odd one.

Options :

1. A human activity directed at satisfying the needs and wants through exchange process
2. Performance of business activities that directs the flow of goods and services from producers to users
3. A series of activities involved in moving the goods from the point of production to the point of consumption
4. Activities aimed at the use of natural resources for human welfare. It includes all the primary activities of production
- 5.

Answer : Activities aimed at the use of natural resources for human welfare. It includes all the primary activities of production

• Question No. 52

The sphere within which price determining forces operate is

Options :

1. Marketing margin
2. Market
3. Octroi
4. Price support operations
- 5.

Answer : Market

• Question No. 53

A market where the produce is either finally disposed of to the consumers, processors or assembled for export is

Options :

1. Terminal market
2. Secondary wholesale market
3. Primary market

4. Seaboard market

5.

Answer : Terminal market

• Question No. 54

Which of the following is/are an imperfect market?

Options :

1. Monopoly market

2. Monopolistic competition

3. Oligopoly market

4. All of the above

5.

Answer : All of the above

• Question No. 55

Thylakoid is a third membrane system seen in

Options :

1. Chloroplast

2. Peroxisomes

3. Cytoplasm

4. Vacuoles

5.

Answer : Chloroplast

• Question No. 56

What is a market type based on time span?

Options :

1. Secular markets
2. Special markets
3. Capital markets
4. Seaboard markets
- 5.

Answer : Secular markets

• Question No. 57

Markets classified on the basis of nature of transactions

Options :

1. Special markets
2. Spot/cash markets
3. Forward markets
4. Both (B) and (C)
- 5.

Answer : Both (B) and (C)

• Question No. 58

Converting groundnut into oil creates

Options :

1. Place utility
2. Form utility
3. Time utility
4. Possession utility
- 5.

Answer : Form utility

- Question No. 59

Pick out the wrong statement.

Options :

1. Heterogenous and differentiated form of a commodity is noticed in monopolistic competition
2. Different trade marks are used in monopolistic competition
3. Different prices prevail for the same basic product
4. Sellers in monopolistic competition mutually agree to charge a common price
- 5.

Answer : Sellers in monopolistic competition mutually agree to charge a common price

- Question No. 60

_____ are non – pigmented specialized secretory tissues

Options :

1. One buyer
2. Chromoplast
3. Amyloplast
4. Leucoplast
- 5.

Answer : Leucoplast

- Question No. 61

In duopsony market there will be

Options :

1. One buyer
2. One seller
3. Two buyers

4. Two sellers

5.

Answer : Two buyers

• Question No. 62

Market conduct not includes

Options :

1. Market sharing and price setting polices
2. Policies aimed at coercing rivals
3. Policies toward setting the quality of products
4. Efficiency in the use of resources
- 5.

Answer : Efficiency in the use of resources

• Question No. 63

Which statement is true?

Options :

1. Commission agents are important for better performance of Rythu bazaars in India
2. Higher the rice price in the market, more will be the supply of paddy to the market by the farmers
3. Growth in producers' surplus determines the pace of economic development
4. Both (A) and (B)
- 5.

Answer : Both (A) and (B)

• Question No. 64

Calculating marketing margin and cost in fresh fruits marketing is meaningful when one follows

Options :

1. Lot method
2. Sum of average gross margins method
3. Comparison of prices at successive Levels of marketing
4. Both (B) and (C)
- 5.

Answer : Both (B) and (C)

• Question No. 65

Microfilaments are formed of

Options :

1. \square tubulin
2. \square tubulin
3. both (A) and (B)
4. actin
- 5.

Answer : actin

• Question No. 66

A flour mill opening its retail outlet is an example for

Options :

1. Horizontal integration
2. Forward integration
3. Conglomerationa
4. Backward integration
- 5.

Answer : Forward integration

- Question No. 67

Horizontal integration of firms may be actuated by the following motif

Options :

1. More profits by taking up additional functions
2. Risk reduction through improved market co-ordination
3. Specializing in the trade
4. Lowering costs through achieving operational efficiency
- 5.

Answer : Lowering costs through achieving operational efficiency

- Question No. 68

Globalisation of a country's economy would increase its

Options :

1. Export
2. Import
3. Both (A) and (B)
4. Foreign Exchange Reserve
- 5.

Answer : Both (A) and (B)

- Question No. 69

If demand is more elastic than supply, who will get the larger share of benefits?

Options :

1. Producers
2. Consumers
3. Equal benefit to consumers and producers

4. The middle man

5.

Answer : Consumers

• Question No. 70

The predominant minus end – directed microtubule motors which are seen in animals and protists but absent in plants are

Options :

1. Dynein

2. Kinesin

3. Myosin

4. Actin

5.

Answer : Dynein

• Question No. 71

The period between ecdyses are the stages called _____ in insects

Options :

1. Instars

2. juvenile

3. Sternites

4. Pleurites

5.

Answer : Instars

• Question No. 72

Which is a surface irrigation system?

Options :

1. Sprinkler
2. Furrow system
3. Revolving nozzle
4. Trench method
- 5.

Answer : Furrow system

• Question No. 73

Plant's ability to chemically inhibit the growth of other plants is called

Options :

1. Antipathy
2. Allelopathy
3. Dispathy
4. Apathy
- 5.

Answer : Allelopathy

• Question No. 74

Which is an insect growth regular?

Options :

1. Hydroprene
2. Phosphine
3. Methyl Bromide
4. Both (B) and (C)
- 5.

Answer : Hydroprene

- Question No. 75

The phase of cell cycle in which the chromosomes are pushed to their respect poles

Options :

1. Telophase
2. Prophase
3. Metaphase
4. Anaphase
- 5.

Answer : Telophase

- Question No. 76

The critical pest density level going beyond what is tolerable to crops is called

Options :

1. Biological threshold level
2. Economic injury level
3. Economic threshold level
4. Both A and B
- 5.

Answer : Economic injury level

- Question No. 77

_____ is a term for the leaf orientation by solar tracking.

Options :

1. Phototropism
2. Paratropism
3. Heliotropism

4. None of these

5.

Answer : Heliotropism

- Question No. 78

Photoinhibition is associated with

Options :

1. Roots

2. Branches

3. Meristem

4. Leaf

5.

Answer : Leaf

- Question No. 79

_____ activates a proton pump at the guard cell plasma membrane.

Options :

1. Blue light

2. Red light

3. UV rays

4. None of these

5.

Answer : Blue light

- Question No. 80

_____ which contain the anti-cancer drugs vincristine and vinblastine are mainly used for defense against herbivory by plants.

Options :

1. Idioiblast
2. Lacticifers
3. Mesophyll
4. Sclerenchyma
- 5.

Answer : Idioiblast

• Question No. 81

The osmotically active solute in guard cells is

Options :

1. Glucose
2. Fructose
3. Sucrose
4. Lipids
- 5.

Answer : Fructose

• Question No. 82

The receptor of abscisic acid is present in

Options :

1. Plasma membrane
2. ER membrane
3. Cytoplasm
4. Nucleus
- 5.

Answer : Plasma membrane

- Question No. 83

_____ supresses branching and promote rhizosphere interactions.

Options :

1. Strigolactone
2. Cytokinin
3. Absciscic acid
4. Ethyl
- 5.

Answer : Strigolactone

- Question No. 84

Indole 3-pyruvate is the primary intermediate of_____ biosynthesis.

Options :

1. Auxin
2. Gibberellin
3. Cytokinin
4. Absciscic acid
- 5.

Answer : Auxin

- Question No. 85

_____is a band within the radial cell walls of endodermis that contain lignin.

Options :

1. Apoplast
2. Symplast
3. Casparian stripe

4. None of these

5.

Answer : Casparian stripe

- Question No. 86

Plant hormone of nucleotide origin

Options :

1. Gibberellin
2. Cytokinin
3. Auxin
4. Strigolactone
- 5.

Answer : Cytokinin

- Question No. 87

Strigolactone is synthesized from

Options :

1. ent-kaurene
2. methionine
3. B carotene
4. carlactone
- 5.

Answer : carlactone

- Question No. 88

The receptor of brassinosteroid

Options :

1. BRI1
2. BES1
3. BZR1
4. BIN2
- 5.

Answer : BRI1

• Question No. 89

ZEITLUPE is a

Options :

1. Cryoreceptor
2. Hormone receptor
3. Photoreceptor
4. Temperature receptor
- 5.

Answer : Photoreceptor

• Question No. 90

_____measures the relationship between water loss and carbon gain.

Options :

1. Transpiration ratio
2. Respiration rate
3. Water usage efficiency
4. Both (A) and (C)
- 5.

Answer : Both (A) and (C)

- Question No. 91

Phytochrome is synthesized from

Options :

1. Heme
2. Copper
3. Methionine
4. Oxygen
- 5.

Answer : Heme

- Question No. 92

Phototropism requires changes in _____ mobilization.

Options :

1. Gibberellin
2. Brassinosteroids
3. Auxin
4. Cytokinin
- 5.

Answer : Auxin

- Question No. 93

During embryogenesis, the protoderm becomes

Options :

1. Epidermis
2. Shoot meristem
3. Root meristem

4. Callus

5.

Answer : Epidermis

- Question No. 94

During the embryogenesis, the cell elongation and cellular differentiation occurs in

Options :

1. Zygotic stage

2. Globular stage

3. Heart stage

4. Torpedo stage

5.

Answer : Torpedo stage

- Question No. 95

Bronzing is an after effect of _____ deficiency in plants

Options :

1. Zinc

2. Chlorine

3. Magnesium

4. Calcium

5.

Answer : Zinc

- Question No. 96

_____ genes control apical – basal polarity

Options :

1. GNOM
2. Monopteros
3. Gurke
4. Fackel
- 5.

Answer : Monopteros

• Question No. 97

_____contributes to the formation and maintenance of root apical meristem.

Options :

1. Glibberellin
2. Brassinosteroids
3. Auxin
4. Cytokinin
- 5.

Answer : Auxin

• Question No. 98

Absorptive organ in plant embryo

Options :

1. Coleoptile
2. Scutellum
3. Coleorhiza
4. Mesocotyl
- 5.

Answer : Scutellum

- Question No. 99

The receptor of gibberellin

Options :

1. Della
2. SCF
3. GID1
4. GARE
- 5.

Answer : GID1

- Question No. 100

The mineral which present in nitrate reductase and nitrogenase

Options :

1. Nickel
2. Manganese
3. Copper
4. Molybdenum
- 5.

Answer : Molybdenum

- Question No. 101

_____ induces lateral cell expansion

Options :

1. Gibberellin
2. Brassinosteroids
3. Auxin

4. Ethylene

5.

Answer : Auxin

- Question No. 102

Azolla – Anabaena is a symbiotic association of

Options :

1. Fern and blue – green algae
2. Bryophyta and blue – green algae
3. Fungi and blue – green algae
4. Nostoc and blue – green algae
- 5.

Answer : Fern and blue – green algae

- Question No. 103

Whiptail in cauliflower is caused due to

Options :

1. Deficiency of iron
2. Deficiency of boron
3. Deficiency of molybdenum
4. Deficiency of sulphur
- 5.

Answer : Deficiency of boron

- Question No. 104

In a plant cell, _____ is the site of oxidative phosphorylation.

Options :

1. Nucleus
2. Mitochondria
3. Chloroplast
4. Golgi apparatus
- 5.

Answer : Mitochondria

• Question No. 105

The only known nickel containing enzyme

Options :

1. Xanthine Oxidase
2. Rubisco
3. Urease
4. Sulphite oxidase
- 5.

Answer : Urease

• Question No. 106

The principal photosynthetic pigment in blue-green algae is

Options :

1. Chlorophyll a
2. Chlorophyll b
3. Porphyrin
4. Rhodopsin
- 5.

Answer : Chlorophyll a

- Question No. 107

Which among the following is not asexual spore of fungi?

Options :

1. Conidiospore
2. Sporangiospore
3. Ascospore
4. None of the above
- 5.

Answer : Ascospore

- Question No. 108

Which among the following is not a genera of lactic acid bacteria found in wines?

Options :

1. Leuconostoc
2. Pediococcus
3. Lactobacillus
4. Gluconobacter
- 5.

Answer : Gluconobacter

- Question No. 109

The contamination and growth of fungi on grapes, the phenomenon of "Pourriture noble" and "Pourriture grise" as caused by

Options :

1. B. cinerea
2. B. coagulans

3. B. subtilis
4. B. circulans
- 5.

Answer : B. cinerea

• Question No. 110

Cyanide blocks

Options :

1. ATP production
2. ATP transport
3. ATP assimilation
4. ATP breakdown
- 5.

Answer : ATP production

• Question No. 111

Which is the first and foremost gelling agent used to impart a gelled texture to foods, mainly fruit based foods?

Options :

1. Papain
2. Pepsin
3. Pectin
4. Trypsin
- 5.

Answer : Pectin

• Question No. 112

Name the alkaloid that is obtained from the autumn crocus, which is the most important chemical used by breeders to induce the doubling of chromosome numbers.

Options :

1. Tubocuraine
2. Colchicine
3. Psilosin
4. Chelerythrine
- 5.

Answer : Colchicine

- Question No. 113

Which among the following elements is a beneficial nutrient that acts as a part of enzyme urease for breaking urea in the soil, imparts useful role in disease resistance and seed development?

Options :

1. Sodium
2. Silicon
3. Aluminium
4. Nickel
- 5.

Answer : Nickel

- Question No. 114

Anemophily is pollination by

Options :

1. Wind
2. Worms
3. Water

4. Insects

5.

Answer : Wind

- Question No. 115

Reduction of NADP during the photosynthesis takes place in

Options :

1. Cytochrome b6

2. Thylakoids

3. Lumen

4. None of the above

5.

Answer : Thylakoids

- Question No. 116

Tendrils of the tropical orchids we use as flavoring (Vanilla spp.) originate from

Options :

1. Roots

2. Flowers

3. Leaves

4. Stipules

5.

Answer : Leaves

- Question No. 117

What is a thigmo response?

Options :

1. Plants response to any form of atmospheric pressure stimulus
2. Plant response to any form of touch stimulus
3. Plant response to any form of magnetic stimulus
4. None of the above
- 5.

Answer : Plant response to any form of touch stimulus

• Question No. 118

Plant movements that are independent of the direction of the stimulus.

Options :

1. Nastic movements
2. Tactic movements
3. Autonomous movements
4. None of the above
- 5.

Answer : Nastic movements

• Question No. 119

The herbicides which are ineffective on perennial plants that are able to regrow from roots or tubers.

Options :

1. Contact herbicides
2. Systemic herbicides
3. Soil bome herbicides
4. Pre – emergent herbicides
- 5.

Answer : Systemic herbicides

- Question No. 120

Water is oxidized to oxygen by

Options :

1. ATP synthase
2. photosystem I
3. Photosystem II
4. Both (B) and (C)
- 5.

Answer : Photosystem II

- Question No. 121

The integrated pest management practices used in good warehouse keeping

Options :

1. Thermal disinfection
2. Use of fumigants
3. Atmospheric gas modification
4. All of the above
- 5.

Answer : All of the above

- Question No. 122

Control of storage insects in nuts and dried fruits and vegetables can be achieved by

Options :

1. Cold storage less than 5° C
2. Introducing 0.5% oxygen
3. Exclusion of nitrogen (0.5% or lower)

4. Intermittent hot and cold treatments

5.

Answer : Cold storage less than 5° C

• Question No. 123

Which is a natural pesticide?

Options :

1. Cassava leaves
2. Ashes of leaves of Lantana spp.
3. Ashes of leaves of Ochroma logopur
4. All of the above
- 5.

Answer : All of the above

• Question No. 124

Which among the following can be used to prevent post-harvest decay of melons, carrots, potatoes, citrus fruits and accepted as "certified organic" and "chemical free" for marketing purpose?

Options :

1. Methyl bromide
2. Nicotine sulphate
3. Bicarbonate salts
4. Ethylene dibromide
- 5.

Answer : Bicarbonate salts

• Question No. 125

Which among the following is a herbicide that can block photosynthesis?

Options :

1. Paraquat
2. Cyanide
3. Dichlorophenyldimethyl urea
4. Both (A) and (C)
- 5.

Answer : Both (A) and (C)

• Question No. 126

Which among the following is a requirement for breaking dormancy and to improve germination?

Options :

1. Light
2. Temperature
3. Scarification treatment
4. All of the above
- 5.

Answer : All of the above

• Question No. 127

Which among the following is not a plant derived antioxidant?

Options :

1. Flavonoids
2. Proline
3. p-nitrodiphenyl ethers
4. Tocopherol
- 5.

Answer : p-nitrodiphenyl ethers

• Question No. 128

Rice grown on old cotton land show symptoms of a disorder called straight- head disease, a disease associated with decreased flower fertility, which is caused by

Options :

1. Exposure to chromium
2. Exposure to cadmium
3. Exposure to arsenic
4. Exposure to organophosphates
- 5.

Answer : Exposure to arsenic

• Question No. 129

Which among the following statements are not true with respect to Aluminium toxicity?

Options :

1. Aluminium is especially toxic to seedlings and can easily identify
2. Aluminium also interferes with phosphorus nutrition by fixing phosphorus in an unavailable form
3. Sometimes symptoms are due to an aluminium-induced calcium deficiency which may include curling young leaves or death of growing points
4. At the subcellular level, aluminium interferes with ATP production by inhibiting ATPase activity
- 5.

Answer : At the subcellular level, aluminium interferes with ATP production by inhibiting ATPase activity

• Question No. 130

Chlorophyll is formed from

Options :

1. Glutathione

2. Glutamic acid
3. Aspartic acid
4. Phosphobilinogen
- 5.

Answer : Phosphobilinogen

- Question No. 131

Which among the following is an example of Pseudocarpic fruit?

Options :

1. Pineapple
2. Burdock
3. Strawberry
4. None of the above
- 5.

Answer : Strawberry

- Question No. 132

_____ is the most widely used chemical for promoting seed germination.

Options :

1. Potassium nitrate
2. Thiourea
3. Scopoletin
4. IAA
- 5.

Answer : Potassium nitrate

- Question No. 133

The Beaufort scale is for describing

Options :

1. Periods of bright sunshine
2. The direction of wind
3. The dew point
4. Wind forces at sea or on land
- 5.

Answer : Wind forces at sea or on land

- Question No. 134

Movement of water upto the stem and reaching all parts of the plant is due to

Options :

1. Root pressure
2. Capillary action
3. Transpiration pull
4. All of the above
- 5.

Answer : All of the above

- Question No. 135

Calvin – Benson cycle uses _____ molecules of NADPH, _____ molecules of ATP to assimilate _____ molecule of CO₂

Options :

1. 2, 3 and 1
2. 3, 2 and 1
3. 1, 2 and 3
4. 2, 1 and 3

5.

Answer : 2, 3 and 1

• Question No. 136

“Brown heart” of turnips and “hollow stem” in brassicas is due to the deficiency of

Options :

1. Molybdenum
2. Copper
3. Boron
4. Potassium
- 5.

Answer : Boron

• Question No. 137

Identify the false fruit, formed from parts other than the ovary wall.

Options :

1. Cherry
2. Plum
3. Apple
4. Banana
- 5.

Answer : Apple

• Question No. 138

The term to refer a shoot with a different colour flower or leaf that may arise in a group of plants is

Options :

1. Triploid
2. Sport
3. Pure
4. New breed
- 5.

Answer : Sport

- Question No. 139

The process of loss of water from plant is

Options :

1. Respiration
2. Transpiration
3. Evaporation
4. Infiltration
- 5.

Answer : Transpiration

- Question No. 140

Photorespiration occurs in

Options :

1. ER, chloroplast, mesophyll
2. Chloroplast, leaf peroxisomes, mitochondria
3. Cytoplasm, peroxisome, mitochondria
4. Chloroplast, mitochondria, vacuoles
- 5.

Answer : Chloroplast, leaf peroxisomes, mitochondria

- Question No. 141

The credit of making Historia naturalis goes to

Options :

1. Caius Plinius Secundus
2. Dioscorides
3. Albertus Magnus
4. Theophrastus
- 5.

Answer : Caius Plinius Secundus

- Question No. 142

Identify the 'green-house gas'.

Options :

1. Carbon dioxide
2. Methane
3. Nitrous oxide
4. All of the above
- 5.

Answer : All of the above

- Question No. 143

Which among the following is not a true statement?

Options :

1. The rate of evaporation is fairly independent of the size of the measuring pan under high humidity conditions
2. The rate of evaporation is influenced by the size of the measuring pan when the air is dry

3. Lysimeters are commonly used for measuring evapotranspiration from a crop
4. Lysimeters are made to float in water bodies with suitable rafts for measuring water loss
- 5.

Answer : Lysimeters are made to float in water bodies with suitable rafts for measuring water loss

• Question No. 144

The lime loving plants are tolerant of high soil pH and are known as

Options :

1. Calcifuge
2. Calcicoles
3. Calcareous
4. Calculus
- 5.

Answer : Calcicoles

• Question No. 145

_____ and aspartate are the primary carboxylation product of C₃ cycle.

Options :

1. Malate
2. Pyruvate
3. Phosphoenol pyruvate
4. Bicarbonate
- 5.

Answer : Malate

• Question No. 146

Identify the bacteria that is used for pest control.

Options :

1. Bacillus subtilis
2. Bacillus cerus
3. Bacillus thuringiensis
4. Bacillus sterothermophilus
- 5.

Answer : Bacillus thuringiensis

• Question No. 147

Identify the non-selective herbicide.

Options :

1. Roundup
2. 2,4-dichlorophenoxy acetic acid
3. Both (A) and (B)
4. None of the above
- 5.

Answer : Roundup

• Question No. 148

Which is not a seed quality analysis?

Options :

1. Germination test
2. Cold test
3. Tetrazolium test
4. Foundation test
- 5.

Answer : Foundation test

- Question No. 149

Which one of not a primary macro nutrient?

Options :

1. Nitrogen (N)
2. Phosphorous (P)
3. Potassium (K)
4. Calcium (Ca)
- 5.

Answer : Calcium (Ca)

- Question No. 150

Kranz anatomy is seen in _____ plants.

Options :

1. C
2. C
3. C
4. Both B and C
- 5.

Answer : C

- Question No. 151

Choose the correct synonym of the word highlighted in each sentence from the alternatives given below it.

He was the **benevolent** ruler.

Options :

1. Cruel

2. Kind
3. Unorganized
4. Good
- 5.

Answer : Kind

- Question No. 152

Choose the correct synonym of the word highlighted in each sentence from the alternatives given below it.

She was relaxed and **convivial**

Options :

1. Lazy
2. Excited
3. Friendly
4. Confused
- 5.

Answer : Friendly

- Question No. 153

Choose the correct synonym of the word highlighted in each sentence from the alternatives given below it.

The allegation against the employer is **absurd**.

Options :

1. unreasonable
2. reasonable
3. mysterious
4. true
- 5.

Answer : unreasonable

- Question No. 154

Choose the correct synonym of the word highlighted in each sentence from the alternatives given below it.

There was a look **ecstasy** on his face.

Options :

1. happiness
2. sadness
3. surprise
4. dullness
- 5.

Answer : happiness

- Question No. 155

Choose the correct synonym of the word highlighted in each sentence from the alternatives given below it.

It has been raining **incessantly** since morning

Options :

1. slowly
2. constantly
3. intermittently
4. heavily
- 5.

Answer : constantly

- Question No. 156

Fill in the blanks with the appropriate antonym of the word highlighted.

The onlookers, who _____ in large number, have **dispersed** on the arrival of the police.

Options :

1. scattered
2. distributed
3. gathered
4. unclear
- 5.

Answer : gathered

• Question No. 157

Fill in the blanks with the appropriate antonym of the word highlighted.

The speed of the first speaker was **monotonous** when compared to the _____ speech of the next.

Options :

1. often
2. interesting
3. boring
4. uneven
- 5.

Answer : interesting

• Question No. 158

Fill in the blanks with the appropriate antonym of the word highlighted.

One important fact that many have _____ was **noticed** by her.

Options :

1. overlooked
2. detected
3. marked

4. commented

5.

Answer : overlooked

- Question No. 159

Fill in the blanks with the appropriate antonym of the word highlighted.

Many clubs in the Country are bringing the game into **repute** whereas this club is bringing _____

Options :

1. esteem

2. misrepute

3. misregard

4. disrepute

5.

Answer : disrepute

- Question No. 160

Fill in the blanks with the appropriate antonym of the word highlighted.

He was a man of _____ whereas his brother was a man of **stupidity**.

Options :

1. folly

2. imbecility

3. genius

4. betise

5.

Answer : genius

- Question No. 161

Fill in the blanks using appropriate forms of the words given in brackets from the choices given below them.

The articles began with some _____ words about us (flatter)

Options :

1. flatter
2. flatteringly
3. flattery
4. flattering
- 5.

Answer : flattering

- Question No. 162

Fill in the blanks using appropriate forms of the words given in brackets from the choices given below them.

Quality of life varies _____ from one place to another (enormous)

Options :

1. enormity
2. enormous
3. enormously
4. None of these
- 5.

Answer : enormously

- Question No. 163

Fill in the blanks using appropriate forms of the words given in brackets from the choices given below them.

The political _____ is the oldest approach to global politics (real)

Options :

1. realise
2. real
3. realism
4. really
- 5.

Answer : realism

• Question No. 164

Fill in the blanks using appropriate forms of the words given in brackets from the choices given below them.

She found herself given over ___to sensation (whole)

Options :

1. Wholistic
2. wholly
3. wholeness
4. whole
- 5.

Answer : wholly

• Question No. 165

Fill in the blanks using appropriate forms of the words given in brackets from the choices given below them.

The work was completed with the_____ of carpenters. (asset)

Options :

1. assistive
2. assistance
3. assist

4. assisted

5.

Answer : assistance

- Question No. 166

Give one word substitutes for the following from the choices given below them.

Behaviour showing high moral standards.

Options :

1. Virtue
2. Millionaire
3. Saviour
4. Hypocrisy
- 5.

Answer : Virtue

- Question No. 167

Give one word substitutes for the following from the choices given below them.

A doctrine that equates God with the forces and laws of universe.

Options :

1. Modesty
2. Pantheism
3. Journalism
4. Eulogy
- 5.

Answer : Pantheism

- Question No. 168

Give one word substitutes for the following from the choices given below them.

Of from or characteristic of Asia, especially East Asia

Options :

1. Oriental
2. Occidental
3. Hesperian
4. Western
- 5.

Answer : Oriental

- Question No. 169

Give one word substitutes for the following from the choices given below them.

Language that describes something with obvious and intentional exaggeration.

Options :

1. simile
2. metaphor
3. personification
4. hyperbole
- 5.

Answer : hyperbole

- Question No. 170

Give one word substitutes for the following from the choices given below them.

Excessive and insincere praise, given especially to further one's own interests.

Options :

1. disparage
2. belittle
3. flattery
4. derogate
- 5.

Answer : flattery

• Question No. 171

Fill in the blanks with the most appropriate word from among the choices given below them.

The walls of her hall were _____ with examples of her work.

Options :

1. hung
2. hang
3. hanged
4. None of these
- 5.

Answer : hung

• Question No. 172

Fill in the blanks with the most appropriate word from among the choices given below them.

This land could be sold for a high _____

Options :

1. prize
2. praise
3. price

4. None of these

5.

Answer : price

- Question No. 173

Fill in the blanks with the most appropriate word from among the choices given below them.

The _____ was picturesque

Options :

1. seen

2. sewn

3. scene

4. seam

5.

Answer : scene

- Question No. 174

Fill in the blanks with the most appropriate word from among the choices given below them.

It is a _____ on her part to do that.

Options :

1. sham

2. shame

3. same

4. None of these

5.

Answer : shame

- Question No. 175

Fill in the blanks with the most appropriate word from among the choices given below them.

She is wearing a woollen. _____

Options :

1. socks
2. shocks
3. soaks
4. shooks
- 5.

Answer : socks

- Question No. 176

Fill in the blanks using the correct tense of the verbs given in brackets.

Sam _____(daydream) when the teacher called him.

Options :

1. daydreaming
2. was daydreaming
3. had daydream
4. has been daydreaming
- 5.

Answer : was daydreaming

- Question No. 177

Fill in the blanks using the correct tense of the verbs given in brackets.

The earth _____(move) round the sun.

Options :

1. has moved
2. was moving
3. moves
4. had moved
- 5.

Answer : moves

• Question No. 178

Fill in the blanks using the correct tense of the verbs given in brackets.

Only the wearer knows where the shoe _____(pinch)

Options :

1. will pinch
2. pinched
3. pinches
4. None of these
- 5.

Answer : pinches

• Question No. 179

Fill in the blanks using the correct tense of the verbs given in brackets.

Jack _____(complete) his homework before the teacher arrived

Options :

1. completed
2. complete
3. completes

4. had completed

5.

Answer : had completed

• Question No. 180

Fill in the blanks using the correct tense of the verbs given in brackets.

He _____ (live) in Chennai since 1975

Options :

1. has been living

2. lived

3. was living

4. is living

5.

Answer : has been living

• Question No. 181

Fill in the blanks with the correct alternatives from the choices given below them.

Bread and butter _____ my usual breakfast.

Options :

1. is

2. are

3. were

4. have

5.

Answer : is

- Question No. 182

Fill in the blanks with the correct alternatives from the choices given below them.

Ten thousand rupees _____distributed among the prize winners

Options :

1. is
2. are
3. were
4. was
- 5.

Answer : were

- Question No. 183

Fill in the blanks with the correct alternatives from the choices given below them.

The great composer and singer _____in our midst

Options :

1. is
2. are
3. were
4. have
- 5.

Answer : is

- Question No. 184

Fill in the blanks with the correct alternatives from the choices given below them.

The prime Minister as well as two other minister _____ visiting the place today.

Options :

1. are
2. were
3. has
4. is
- 5.

Answer : is

• Question No. 185

Fill in the blanks with the correct alternatives from the choices given below them.

The cattle _____ grazing in the field

Options :

1. is
2. was
3. are
4. has been
- 5.

Answer : are

• Question No. 186

Identify the imperative sentence.

Options :

1. Man is mortal
2. How beautifully she dances!
3. Why did the chief guest leave early?
4. Have a nice holiday
- 5.

Answer : Have a nice holiday

- Question No. 187

Identify the assertive sentence.

Options :

1. Several passengers were injured in the accident.
2. Drive carefully.
3. Are you a student?
4. Please help the poor.
- 5.

Answer : Several passengers were injured in the accident.

- Question No. 188

Identify the exclamatory sentence

Options :

1. How many patients are there in the ward ?
2. is English difficult?
3. How cold it is
4. It is very hot today
- 5.

Answer : How cold it is

- Question No. 189

Choose the rightly punctuated sentence from the choices given below

Options :

1. (a) I'll meet you at 8 o'clock, said Michael

2. (b) She could see the wild animals just behind the fence: lions, tigers, elephants and wolves.
3. (c) Was the girls mother alone?
4. (d) He said, Come along please
- 5.

Answer : (b) She could see the wild animals just behind the fence: lions, tigers, elephants and wolves.

• Question No. 190

Choose the rightly punctuated sentence from the choices given below

Options :

1. (A) John said, I am ten years old.
2. (b) excuse me are you Mr. Patel
3. (c) She bought a pair of shoes, a handbag, a dress and an umbrella.
4. (d) You dress is green mine is red.
- 5.

Answer : (c) She bought a pair of shoes, a handbag, a dress and an umbrella.

• Question No. 191

Insert suitable articles wherever they are missing from the alternatives given below each sentence.

Pt. Jawahar Lal Nehru was first Prime Minister of free India.

Options :

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

Answer : the

- Question No. 192

Insert suitable articles wherever they are missing from the alternatives given below each sentence.

She has never touched onion.

Options :

1. a
2. on
3. an
4. out
- 5.

Answer : an

- Question No. 193

Insert suitable articles wherever they are missing from the alternatives given below each sentence.

Indian Govt, wants to build strong India

Options :

1. the
2. an
3. a
4. in
- 5.

Answer : the

- Question No. 194

Insert suitable articles wherever they are missing from the alternatives given below each sentence.

Of the two solutions the second was definitely _____better

Options :

1. a
2. an
3. the
4. far
- 5.

Answer : far

• Question No. 195

Insert suitable articles wherever they are missing from the alternatives given below each sentence.

Sarla is _____most beautiful girl.

Options :

1. the
2. an
3. a
4. no article required
- 5.

Answer : the

• Question No. 196

Each sentence given below has been divided into four options A, B, C, D one of which is erroneous. Identify the erroneous part and mark that option as your answer.

Options :

1. Somebody informed (A)
2. the contractor that his (B)
3. brother had only died (C)

4. five days ago (D)

5.

Answer : brother had only died (C)

• Question No. 197

Each sentence given below has been divided into four options A, B, C, D one of which is erroneous. Identify the erroneous part and mark that option as your answer.

Options :

1. Hardly she likes (A)
2. to hear my name (B)
3. after the dispute which occurred (C)
4. between us last year (D)
- 5.

Answer : Hardly she likes (A)

• Question No. 198

Each sentence given below has been divided into four options A, B, C, D one of which is erroneous. Identify the erroneous part and mark that option as your answer.

Options :

1. Where else (A)
2. did you (B)
3. go besides (C)
4. the bank (D)?
- 5.

Answer : Where else (A)

• Question No. 199

Each sentence given below has been divided into four options A, B, C, D one of which is erroneous. Identify the erroneous part and mark that option as your answer.

Options :

1. She asked me (A)
2. how could she (B)
3. help me in (C)
4. that situation (D).
- 5.

Answer : how could she (B)

- Question No. 200

Each sentence given below has been divided into four options A, B, C, D one of which is erroneous. Identify the erroneous part and mark that option as your answer.

Options :

1. My father asked me (A)
2. why you were (B)
3. taking that (C)
4. examination (D).
- 5.

Answer : why you were (B)

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