

MOCK TEST 5
AGRICULTURE SCIENCE PAPER 2

1. Which of the following does not belong to the family Anacardiaceae?
 - a) Cashew nut
 - b) Peanut
 - c) Pistachio nut
 - d) Mango

2. The origin place of the Guava fruit is
 - a) China
 - b) Australis
 - c) India
 - d) Tropical America

3. Coconut Development Board belongs to Ministry of
 - a) Agriculture
 - b) Commerce
 - c) Finance
 - d) Defense

4. Vegetables are known as protective foods because they are rich in
 - a) Vitamins
 - b) Minerals
 - c) Both a and b
 - d) None of these

5. Excess of chlorides in tobacco leads to
 - a) Two faced leaf
 - b) Inhibition of burning
 - c) Poor storage life
 - d) All of these

6. Which of these is sexually sterile hybrid?
 - a) Leek
 - b) Garlic
 - c) Onion
 - d) None of these

7. 'Topple' disorder of gladiolus is due to the deficiency of
 - a) Boron
 - b) Calcium
 - c) Nitrogen
 - d) Potassium

8. Origin of chrysanthemum is
 - a) China
 - b) Japan
 - c) France
 - d) Europe

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9. Which of the following vegetable is rich in iron?
 - a) Musk melon
 - b) Water melon
 - c) Bitter gourd
 - d) Bottle gourd

10. Tissue culture technique is normally followed in
 - a) Carnation
 - b) Orchids
 - c) Gladiolus
 - d) Mango

11. Endosperm is the edible portion in
 - a) Litchi
 - b) Pineapple
 - c) Bael
 - d) Coconut

12. Pollination in vegetable is mostly done by
 - a) Wind
 - b) Birds
 - c) Honey bees
 - d) None of these

13. Which of the following growth regulator is commonly used as weedicide?
 - a) ABA
 - b) IBA
 - c) NAA
 - d) 2, 4-D

14. Pineapple belongs to the family
 - a) Aracaceae
 - b) Bromeliaceae
 - c) Aponcyanaceae
 - d) Lauraceae

15. Quickest method for 'laying lawn' is
 - a) Seeding
 - b) Dibbing
 - c) Turfing
 - d) Dung plastering

16. Hisperidium is mainly found in
 - a) Jackfruit
 - b) Papaya
 - c) Cereals
 - d) Citrus

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17. The variety of apple having comparatively longer shelf life is
- Ambri
 - Red delicious
 - Golden delicious
 - None of these
18. Bt brinjal is developed with an inherent capacity to control
- Aphids
 - Bacteria
 - Fruit and shoot borer
 - White fly
19. Tea is mainly grown in
- Karnataka
 - Assam
 - Andhra Pradesh
 - Punjab
20. Winter Dawn is a variety of
- peach
 - apple
 - strawberry
 - persimmon
21. *Cucumis ultisimum* is
- cucumber
 - watermelon
 - long melon
 - bottle gourd
22. Jelmeter test is used for the determination of
- acid
 - pectin
 - TSS
 - sugars
23. Wintering is practiced in
- carnation
 - rose
 - dahlia
 - gerbera
24. Which of the following is climacteric
- Grape
 - Lime
 - Pomegranate
 - Jackfruit

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25. Pusa Sneha is a variety of
- watermelon
 - Pumpkin
 - bittergourd
 - sponge gourd
26. Denavelling is done in
- Pineapple
 - banana
 - strawberry
 - papaya
27. Baradari is a feature of which garden
- Mughal
 - French
 - English
 - Japanese
28. Protandrous flowers are found in
- apple
 - mango
 - guava
 - coconut
29. G.P.S is an essential feature of
- Truck farming
 - Precision farming
 - Protected farming
 - all of these
30. Large number of hybrids has been developed for which of the following vegetables?
- Tomato
 - Onion
 - Potato
 - Brinjal
31. Multi-stem system is observed in which of the following crop?
- Pomegranate
 - Mango
 - Aonla
 - Jackfruit
32. Which of the following is salt resistant rootstock of mango?
- Combodiana
 - Nyayacombaidan
 - Nekkare
 - None of these

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33. Alternate type of bearing is observed in
- Mango
 - Guava
 - Ber
 - None of these
34. The permissible limit of colour to be added as preservative is
- 100 ppm
 - 250 ppm
 - 300 ppm
 - 200 ppm
35. Calyxsplitting is the major problem of
- Orchid
 - Marigold
 - Rose
 - Carnation
36. Largest flower exporting country is
- Germany
 - Netherlands
 - Australia
 - Japan
37. Dwarf mutant variety of papaya is
- Pusa nanha
 - Pusa giant
 - Pusa dwarf
 - Pusa green
38. TSS is measured by
- Refractometer
 - Colourimeter
 - Thermometer
 - Spectrophotometer
39. The fruit plant, which is most suitable for growing in acid region?
- Mango
 - Guava
 - Ber
 - Banana
40. Zinc deficiency causes disease in citrus is known as
- Chlorosis
 - Mottle leaf
 - Khaira
 - Necrosis

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41. Which of the following is partial stem parasitic phanerogamic plant
- (a) Orobanche
 - (b) Striga
 - (c) Dodder
 - (d) Loranthus
42. Which of the following is complete root parasitic phanerogamic plant
- (a) Orobanche
 - (b) Striga
 - (c) Dodder
 - (d) Loranthus
43. Soil temperature /Soil moisture is a
- (a) Abiotic factor
 - (b) Mesobiotic factor
 - (c) Biotic factor
 - (d) All of them
44. Diseases caused by algae in plants is a
- (a) Abiotic factor
 - (b) Mesobiotic factor
 - (c) Biotic factor
 - (d) All of them
45. Atmospheric impurities or Toxic substance cause disease in mango fruits due to sulphur dioxide gas near Brick kiln is.
- (a) Necrosis
 - (b) Anthracnose
 - (c) Chlorosis
 - (d) Stem end rot
46. The science which deals with the study of flowering plant parasite is known as
- (a) Phanerology
 - (b) Mycology
 - (c) Horticulture
 - (d) Plant Pathology
47. Fungi is a
- (a) Eukaryotic
 - (b) Achlorophyllous
 - (c) Heterotrophic
 - (d) All of them
48. Which fungus is used as bio-control agent against soil borne diseases
- (a) Fusarium
 - (b) Alternaria
 - (c) Trichoderma
 - (d) Penicillium

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49. A relatively simple plant body devoid of stem, roots and leaves is known as
- (a) Mycelium
 - (b) Hypha
 - (c) Thallus
 - (d) Rhizoid
50. Individual filament of fungus is known as
- (a) Mycelium
 - (b) Hypha
 - (c) Thallus
 - (d) Rhizoid
51. Fungal tissues are known as
- (a) Prosenchyma
 - (b) Plectenchyma
 - (c) Pseudoparenchyma
 - (d) Rhizomorph
52. Cell wall of fungi is made up of
- (a) Chitin
 - (b) Pectin
 - (c) Cutin
 - (d) Glucan
53. The citrus canker lesions are characterized by the over development of?
- (a). Parenchymatous tissues.
 - (b). Epidermal tissues.
 - (c). Ectodermal tissues.
 - (d). Endodermal tissues
54. The symptoms of black arm in cotton appear...?
- (a). When bacteria attacks on stalk.
 - (b). When bacteria attacks on internodes.
 - (c). When bacteria attacks on stem.
 - (d). When bacteria attacks on poor twigs.
55. Which is known as true canker?
- (a). Mango canker.
 - (b). Citrus canker.
 - (c). Butternut canker
 - (d). Tomato canker.
56. Causal organism of wheat ear cockle?
- (a). Fungus.
 - (b). Bacteria.
 - (c). Virus.
 - (d). Nematode

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57. Which type of parasite witchweed is ?
(a). Semi-root parasite
(b). Semi-stem parasite
(c). Root parasite
(d). Stem parasite
58. Grassy Shoot Disease was first noticed in India?
(a). Madhya Pradesh.
(b). Uttar Pradesh.
(c). Maharashtra.
(b). Gujarat.
59. The famous Bengal famine is related with?
(a). Potato.
(b). Rice.
(c). Wheat.
(d). Maize.
60. Late blight of potato is caused by?
(a). *Helminthosporium sp.*
(b). *Phytophthora infestans.*
(c). *Alternaria solani.*
(d). All of these
61. The only effective method of control of citrus canker is?
(a). Streptomycin.
(b). Tetracycline.
(c). Bordeaux mixture.
(d). Burning of affected trees.
62. Which is a vector of citrus canker?
(a). Planococcus citri.
(b). Thrips nilgiriensis.
(c). Phyllocnistiscitrella.
(d). Diphorneacitri.
63. The angular leaf spot of cotton was first reported in which country?
(a). USA.
(b). China.
(c). India.
(d). Sri Lanka.
64. Whiptail of cauliflower is due to deficiency of?
(a). Molybdenum.
(b). Zinc.
(c). Iron.
(d). Boron.

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65. Target spot develops in leaf in which disease?
(a). Tomato, early blight
(b). Rice blight.
(c). Late blight potato.
(d). All of the above.
66. Early blight of potato is–
(A) Soil borne disease
(B) Air borne
(C) Seed borne
(D) All of the above
67. Rust of linseed and flax (autoecious rust) is caused by–
(A) Puccinia recondite
(B) P. striformis
(C) P. graministritici
(D) Melampsoralini
68. 'Fungi and Disease in Plants' was written in 1918 by
(A) JF Dastur
(B) BB Mundakur
(C) EJ Butler
(D) R. Prasad
69. Panama disease of banana is prevented by–
(A) Spraying zinc carrier
(B) Spraying copper fungicide
(C) Application of lime to the soil
(D) Providing adequate irrigation
70. Most widely used fungicide for smut fungi is–
(A) Vitavax
(B) Plantvax
(C) Dithane
(D) Dithane Z-78
71. Which is the scientific name and family of BPH?
(a). Nilaparvatalugens, Delphacidae.
(b). Sogaferafurcifera, Delphacidae.
(c). N. virescens, Cicadellidae.
(d). Cofana spectra, Cicadellidae.
72. Which of the following disease is not caused by bacteria
a.citrus canker
b.papaya root rot
c.tundu disease
d.black arm of cotton

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73. Swimming type of leg modification are also known as
a.natatorial
b.ambulatorial
c.cursorial
d.saltatorial
74. Juvenile hormone is secreted from
a.mandibular glands
b.corporaallata
c.thoracic glands
d.pro thoracic glands
75. Which of the following larvae type has abdominal prolegs in addition to thoracic legs
a.Oligopod
b.Polypod
c.Apodous
d.all of these
76. Pupae of butterflies are also known as
a.Chrysalis
b.Coarctate
c.obtect
d.Exarate
77. Celphos is the trade name of
a.Zinc phosphide
b.Aluminium phosphide
c.aldicarb
d.chlorpicrin
78. Planting of trap crops comes under which component of IPM
a.biological
b.cultural
c.mechanical
d.none of these
79. Which of the following is both field and storage pest of potato
a.cut worm
b.tuber moth
c.Hadda beetle
d.all of these
80. The density of pest population which needs control measures is known as
a.Economic Injury Level
b.Economic Threshold Level
c.Economic Management Level
d.Economic Control Level

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81. Which of the following works like a tongue in insects
- labium
 - Labrum
 - maxillae
 - hypopharynx
82. Which of the following is neem based insecticide
- Pyrethrum
 - Margosa
 - Nicotine
 - aldrex
83. Which of the following is not matched correctly
- Orthoptera- Nymphs
 - Coleoptera- grubs
 - Diptera- Maggots
 - none
84. The bio-control agents which require only one host, which it kills for growing into adult is
- predators
 - parasites
 - Parasitoides
 - Entomopathogens
85. ICRISAT was established in the year
- 1972
 - 1929
 - 1982
 - 1978
86. Mechanism of Resistance given by R.H Painter does not include which of the following
- Preference
 - Antixenosis
 - Tolerance
 - Antibiosis
87. Non-specific resistance is known as
- Vertical resistance
 - Horizontal resistance
 - Qualitative resistance
 - Major gene resistance
88. Moulting hormone is
- Juvenile Hormone
 - Ecdysone
 - Eclosoin
 - Juvenoids

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89. The Lac insect secretes a resinous byproduct which is marketed as
- Laccifer
 - Lacca
 - Shellac
 - Lacresin
90. Which group of insects are more difficult to control by insecticide?
- Scale insects.
 - Aphid.
 - Thrips.
 - Larvae
91. The science of study of honey bee is known as?
- Apiary.
 - Apiculture
 - Melittology
 - none of these
92. Regular pest can be defined as?
- Abundance in all season.
 - Abundance during crop season.
 - both a & b
 - None of the above
93. What is the purpose of using pheromones?
- Monitoring.
 - Mating disruption.
 - Pest control.
 - All of the above.
94. A lower LD50/LC50 is indicative of
- Increased toxicity.
 - Decreased toxicity.
 - Safe zone.
 - None of the above
95. Insecticide act was passed in the year?
- 1966.
 - 1967.
 - 1968.
 - 1969.
96. Trap crop sown along with tobacco crop is?
- Castor.
 - Jatropha.
 - Cotton.
 - Okra

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97. Bt cotton was introduced in India in the year?
(a). 2002
(b). 2003.
(c). 2004.
(d). 2001.
98. Bt cotton was introduced in india by a joint venture of
a. Sutton & Boveri
b. Monsanto & Mahyco
c. GM & ICAR
d. ICAR & Monsanto
99. The Destructive Insect Pest Act was enacted in the year?
(a). 1912.
(b). 1914.
(c). 1915.
(d). 1910
100. The pest which attacks all the parts of the plant..?
(a). Nematode.
(b). Fly.
(c). Termite.
(d). Beetle.
101. Bt act as a
a. contact poison
b. systemic poison
c. stomach poison
d. none
102. Carbaryl belongs to
a. carbamates
b. pyrethroids
c. organochlorine
d. organophosphates
103. Zinc phosphide is a
a. bird poison
b. termite poison
c. moth poison
d. rat poison
104. Use of resistant varieties comes under
a. mechanical methods
b. biological method
c. cultural methods
d. varietal methods

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105. Solar heat treatment method for controlling smut diseases is an example of
- cultural method
 - physical method
 - chemical method
 - none of these
106. Bordeaux mixture was introduced in the year
- 1775
 - 1785
 - 1875
 - 1885
107. Scientific name of sorghum midge is
- contarinasorghicola*
 - contanariapurpusilla*
 - antherigonasorghicola*
 - Agrostis epsilon*
108. *Leucinodesorbonalis* is
- Onion fly
 - banana stem weevil
 - red pumpkin beetle
 - brinjal fruit and shoot borer
109. Gram staining techniques is used for
- fungi
 - bacteria
 - virus
 - mycoplasma
110. Application of fertilizers to standing crop is called
- placement
 - broadcasting
 - topdressing
 - Fertigation
111. Which one is a test cross
- TT x Tt
 - Tt x Tt
 - TT x TT
 - Tt x tt
112. Mutation which occurs during DNA replication is called
- Frame Shift Mutation
 - Copy Error Mutation
 - Spontaneous Mutation
 - None of the above

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113. The tendency of an offspring to resemble its parent is known as
- Variation
 - Heredity
 - Resemblance
 - Inheritance
114. Who is known as the “Father of Genetics”?
- Morgan
 - Mendel
 - Watson
 - Bateson
115. The alternate form of a gene is
- Alternate type
 - Recessive character
 - Dominant character
 - Allele
116. The genotypic ratio of a monohybrid cross is
- 1:2:1
 - 3:1
 - 2:1:1
 - 9:3:3:1
117. The crossing of F1 to either of the parents is known as
- Test cross
 - Back cross
 - F1 cross
 - All of the above
118. Which of the following statements is true regarding the “law of segregation”?
- Law of segregation is the law of purity of genes
 - Alleles separate from each other during gametogenesis
 - Segregation of factors is due to the segregation of chromosomes during meiosis
 - All of the above
119. Homozygosity and heterozygosity of an individual can be determined by
- Back cross
 - Self-fertilization
 - Test cross
 - All of the above
120. An exception to Mendel’s law is
- Independent assortment
 - Linkage
 - Dominance
 - Purity of gametes

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121. Pea plants were used in Mendel's experiments because
- They were cheap
 - They had contrasting characters
 - They were available easily
 - All of the above
122. The smallest unit of genetic material which produces a phenotypic effect on mutation is
- Muton
 - Gene
 - Recon
 - Nucleic acid
123. Mendel's findings were rediscovered by
- Correns
 - De Vries
 - Tschermak
 - All of these
124. Alleles are
- Alternate forms of genes
 - Linked genes
 - Chromosomes that have crossed over
 - Homologous chromosomes
125. When the activity of one gene is suppressed by the activity of a non-allelic gene, it is known as
- Pseudo-dominance
 - Hypostasis
 - Epistasis
 - Incomplete dominance
126. Cystic fibrosis is
- Sex-linked recessive disorder
 - Autosomal dominant disorder
 - Autosomal recessive disorder
 - Sex-linked dominant disorder
127. 9:7 ratio in the F₂ generation represents
- Over-dominance
 - Co-dominance
 - Epistasis
 - Complementary interaction
128. A small amount of lethal mutation is always present in the population due to
- Positive selection
 - Negative selection
 - Frequency-dependent selection

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- d. Mutation-selection balance
129. If a plant with genotype AaBb is self-fertilized, the probability of getting AABB genotype will be (A and B are not linked)
- $\frac{1}{2}$
 - $\frac{1}{4}$
 - $\frac{1}{8}$
 - $\frac{1}{16}$
130. How many phenotypes can occur in the human blood group ABO with alleles $I^A I^B i$?
- 2
 - 3
 - 4
 - 1
131. The geometrical device that helps to find out all the possible combinations of male and female gametes is known as
- Bateson Square
 - Mendel Square
 - Punnett Square
 - Mendel's Cube
132. Which term represents a pair of contrasting characters?
- Heterozygous
 - Homozygous
 - Codominant genes
 - Allelomorphs
133. Mendel's findings/works were published in the year
- 1866
 - 1665
 - 1885
 - 1688
134. Law of Dominance is also called
- Law of uniformity of 1st filial generation.
 - Dominance
 - Law of purity of gametes
 - None of these
135. Cell was discovered by Robert Hooke in
- 1665
 - 1885
 - 1682
 - 1887

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136. Mendel described his experiments in a two-part paper entitled as
- “Experiments on Plant Hybridization”
 - “Experiments on Pea Hybridization”
 - “Experiments on Plant Emasculation”
 - None of these
137. Term ‘Gene’ was coined by
- Johannsen
 - Bateson
 - H. Morgan
 - Mendel
138. Who discovered split gene?
- P. Chambor
 - Johannsen
 - P. Leder
 - P. Sharp and R. Roberts
139. Heritable change in gene expression that does not involve change in underlying DNA is termed as
- Eugenics
 - Epigenetics
 - Phylogenetic
 - Genetic Engineering
140. Which country was first to begin commercial use of transgenic tomato & tobacco?
- India
 - America
 - China
 - Canada
141. The method of developing multiline in wheat was first outlined by–?
- Hull
 - Borlaug
 - M.S. Swaminathan
 - None of these
142. Dominance can easily confused with over dominance if?
- SNPs are involved
 - QTLs are involved
 - rDNA is involved
 - None of these
143. Immobilized cell systems uses _____ for cell immobilization.
- Calcium alginate
 - Agarose Beads
 - both A&B
 - None of these

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144. Intron is absent in..?
(A) Zein Storage genes of maize
(B) Soybean Protein Genes
(C) both A&B
(D) None of these
145. Genes conferring insect resistance to plants are?
(A) Bt gene
(B) ipt gene
(C) Pht gene
(D) All of above
146. Which is a C4 plant?
(a). Soyabean.
(b). corn.
(c). pineapple.
(d). All of the above.
147. Element present in nucleic acids, Phospholipids, ATP, ADP and NADPH is _____
(A) P
(B) Na
(C) Bo
(D) Co
148. _____ are required for chlorophyll synthesis
(A) Fe and Mg
(B) Fe and Co
(C) Cu and Ca
(D) Mg and Ca
149. In which form Ca is present in plants?
(A) Calcium pectate
(B) Calcium carbonate
(C) Calcium
(D) CaCl
150. Which element is essential for activating the enzyme but not a part of enzyme?
(A) Mn
(B) Mg
(C) K
(D) Co
151. For the selective permeability of the cell membranes which element is involved?
(A) K
(B) Fe
(C) P
(D) Ca

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152. Which element is essential for pollen germination?
(A) Na
(B) B
(C) Mo
(D) Co
153. In photosynthesis which element is essential for the evolution of oxygen?
(A) Cl
(B) Mg
(C) Fe
(D) All of the above
154. In leguminous plants leghaemoglobin protects _____ activity
(A) Nitrogenase
(B) Protease
(C) Nitrate reductase
(D) Both A and B
155. In Nitrogen fixation and metabolism which element is play major role?
(A) Mn
(B) B
(C) Mg
(D) Mo
156. Main source of elements for nitrate reductase is ferredoxin which is present in
(A) Endoplasmic reticulum
(B) Mitochondria
(C) Chloroplasts
(D) Golgi complex
157. Nitrobacter convert NO_2 into NO_3 in which process
(A) Reduction
(B) Oxidation
(C) Both A and B
(D) None
158. In plant _____ is responsible for guttation
(A) Root pressure
(B) Photosynthesis
(C) Transpiration
(D) Osmosis
159. Root pressure introduced by Stephen Hales, is absent in _____
(A) Mango
(B) Dicots
(C) Gymnosperms
(D) None of the above

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160. Which is selectively permeable membrane of the cell _____
(A) Cell wall
(B) Cytoplasm
(C) Plasmalemma
(D) None of the above
161. The chemical used as an antitranspirant is _____
(A) Salicylic acid
(B) Abscisic acid
(C) Phenylmercuric acid
(D) All
162. Sub-epidermal evaporation of water exhibits in plants during
(A) Photosynthesis
(B) Guttation
(C) Respiration
(D) Transpiration
163. The best light for stomatal opening is _____
(A) Red
(B) Yellow
(C) Green
(D) Blue
164. During high wind velocity, the stomata of plants _____
(A) Remain open
(B) Close down
(C) Open more widely
(D) Remain unaffected
165. Optimum temperature for water absorption is _____
(A) 0 – 5 °C
(B) 20 – 25 °C
(C) 45 – 65 °C
(D) 5 – 20 °C
166. The transport of sap from root to top of the dicot plant is _____
(A) Transport
(B) Translocation
(C) Ascent of sap
(D) All of the above
167. Selective passage across a semipermeable membrane is called _____
(A) Osmosis
(B) Diffusion
(C) Both A and B
(D) Imbibition

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168. Stomata open at night but close during day time in which plants?
(A) Xerophytes
(B) Mesophytes
(C) Succulents
(D) Both A and B
169. The most important factor in stomatal opening in the plant is _____
(A) Protein percentage of sap
(B) Shape of guard cells
(C) Hormone content of cell
(D) Chlorophyll content in cell
170. Which plant hormone is associated with closing of stomata?
(A) IBA
(B) GA
(C) ABA
(D) All of the above
171. Which enzyme plays major role in opening and closing of stomata?
(A) Beta-amylase
(B) Pyruvic kinase
(C) RuDP
(D) PEP carboxylase
172. Absorption of water and minerals take place in which part of root?
(A) Root cap tip
(B) Root hairs
(C) Root epidermis
(D) Root endodermis
173. The highest root pressure exhibited in plants is _____
(A) 4 bars
(B) 15 bars
(C) 10 bars
(D) None of the above
174. Which nutrient is obtained by insectivorous plants from insect bodies?
(A) P
(B) K
(C) N
(D) Na
175. The enzyme responsible for atmospheric nitrogen fixation is _____
(A) Nitrogenase
(B) Amylase
(C) Nitrogenase and Amylase
(D) β nitrogenase

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176. In which method ions are absorbed by plants
(A) By carriers and pumps
(B) By carriers method
(C) By difference in DPD
(D) By molecular diffusion
177. The most effective cofactor for enzyme is _____
(A) Mn
(B) Na
(C) K
(D) Ca
178. Flowering plants adapted to absorb which ions
(A) NO_3^-
(B) NO_3^{+2}
(C) NH_3
(D) NO_2
179. Bidirectional translocation of minerals occurs in plants
(A) Phloem
(B) Xylem
(C) Cambium
(D) Perenchyma and phloem
180. Nodule formation of legume roots is reduced during deficiency of _____
(A) S and B
(B) N
(C) K
(D) Cl
181. Boron help in _____
(A) Photosynthesis
(B) Sugar transport
(C) Acting as a co-factors
(D) Both A and C
182. Nitrification process is done by _____
(A) Rhizobium
(B) *B. bassiana*
(C) Pseudomonas
(D) Nitrococcus
183. Transpiration mostly affected by _____
(A) Humidity
(B) Temperature
(C) Light
(D) Wind

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184. Which is involved in photosynthesis
(A) Blackman and Hill
(B) Krebs cycle reaction
(C) E.M.P. Pathway
(D) all
185. White tag denotes
a. breeder seed
b. foundation seed
c. certified seed
d. registered seed
186. Isolation distance for foundation seed in Maize is
a. 50m
b. 200m
c. 400m
d. 1000m
187. Which of the following chemicals is not used for breaking dormancy in seeds
a. KNO_3
b. GA
c. KMnO_4
d. Thio-Urea
188. Maximum moisture content for safe storage in *Triticum aestivum* seed is
a. 8%
b. 10%
c. 12%
d. 14%
189. Production of seedless grapes require
a. Gibberelins
b. NAA
c. Ethylene
d. IAA
190. The first transgenic crop is
a. Cotton
b. soybean
c. tobacco
d. maize
191. Synthesis of amylase in certain cereal grain is stimulated by
a. GA
b. ABA
c. Cytokinin
d. IAA

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192. Seedlessness in fruits is called
a. parthenocarpy
b. apomixis
c. parthenogenesis
d. none of these
193. In wheat, production of foundation seed need an isolation distance of
a. 3m
b. 5m
c. 10m
d. 50m
194. Aflatoxin is produced by
a. bacteria
b. fungi
c. virus
d. Mycoplasma
195. Lysine is an amino acid usually present in
a. Cereals
b. Pulses
c. Flowers
d. fruits
196. Golden yellow tag denotes
a. Breeder seed
b. foundation seed
c. certified seed
d. Registered seed
197. Tomato is
a. Self-pollinated
b. cross-pollinated
c. open cross-pollinated
d. none
198. National seed project was started with financial help from
a. World bank
b. NABARD
c. Asian Development Bank
d. None
199. Which village is known as "Apple Village" of Nagaland?
a. Pfutsero
b. Thanamir
c. Chessore
d. Noklak

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200. The theme for National Horticulture fair 2021 is
- Horticulture for start-up and stand-up India.
 - Horticulture for rural prosperity.
 - Nutrition and vertical gardening for nutritional security
 - Horticulture for promoting rural entrepreneurship

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ANSWER KEYS

Q.no	Ans	Q.no	Ans	Q.no.	Ans	Q.no	Ans	Q.no	Ans
1	B	41	D	81	D	121	B	161	D
2	D	42	A	82	B	122	A	162	D
3	A	43	A	83	D	123	D	163	D
4	C	44	C	84	C	124	A	164	B
5	D	45	A	85	C	125	C	165	B
6	B	46	A	86	A	126	C	166	C
7	B	47	D	87	B	127	C	167	A
8	A	48	C	88	B	128	D	168	C
9	C	49	C	89	C	129	D	169	B
10	B	50	B	90	A	130	C	170	C
11	D	51	B	91	C	131	C	171	D
12	C	52	A	92	B	132	D	172	B
13	D	53	A	93	D	133	A	173	B
14	B	54	C	94	A	134	A	174	C
15	C	55	B	95	C	135	A	175	A
16	D	56	D	96	A	136	A	176	A
17	A	57	A	97	A	137	A	177	C
18	C	58	C	98	B	138	D	178	A
19	B	59	B	99	B	139	B	179	A
20	C	60	B	100	C	140	C	180	A
21	C	61	D	101	C	141	B	181	B
22	B	62	C	102	A	142	B	182	A
23	B	63	A	103	D	143	C	183	A
24	D	64	A	104	C	144	C	184	A
25	D	65	A	105	B	145	D	185	B
26	B	66	A	106	D	146	D	186	C
27	A	67	D	107	B	147	A	187	C
28	D	68	C	108	D	148	A	188	C
29	B	69	C	109	B	149	A	189	A
30	A	70	A	110	C	150	C	190	C
31	A	71	A	111	D	151	D	191	A
32	C	72	B	112	B	152	B	192	A
33	A	73	A	113	B	153	A	193	A
34	D	74	B	114	B	154	C	194	B
35	D	75	B	115	D	155	D	195	A
36	B	76	A	116	A	156	C	196	A
37	A	77	B	117	B	157	B	197	A
38	A	78	B	118	D	158	A	198	A
39	C	79	B	119	C	159	C	199	B
40	B	80	B	120	B	160	C	200	A