

PROVISIONAL ANSWER KEY

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Note:

1. All Suggestion are to be sent with reference to website published question paper with provisional answer key only.
2. All Suggestion are to be sent in the given format only.
3. Candidate must ensure the above compliance.

101. In anemophylous plants, pollen are disseminated by means of \_\_\_\_\_.  
(A) Insects (B) Water  
(C) Wind (D) Gravity
102. Production of seeds without fertilization is termed as \_\_\_\_\_.  
(A) Parthenocarpy (B) Parthenogenesis  
(C) Gametogenesis (D) All of the above
103. Removal of off type plants from a seed field is termed as \_\_\_\_\_.  
(A) Weeding (B) Rouging  
(C) Hoeing (D) Clearing
104. Hormones which control apical dominance are \_\_\_\_\_.  
(A) Auxins (B) Cytokinins  
(C) A & B both (D) Gibberellins
105. Turmeric is propagated by \_\_\_\_\_.  
(A) Corms (B) Seed  
(C) Rhizome (D) Bulbs
106. Maturation of anthers and stigma at the same times is called as \_\_\_\_\_.  
(A) Homogamy (B) Chasmogamy  
(C) Cleistogamy (D) Dichogamy
107. The Cause of pungency in chilies is \_\_\_\_\_.  
(A) Cucurbitacin (B) Capsaicin  
(C) Allicin (D) Solanin

108. Regular consumption of garlic will reduce the level of \_\_\_\_\_ in human beings.
- (A) Cholesterol (B) Sugar  
(C) Uric acid (D) None of above
109. Which of the flower type can not produce seed and/or fruit?
- (A) Pistillate (B) Perfect  
(C) Hermaphrodite (D) Staminate
110. Truck gardening means vegetable production for \_\_\_\_\_.
- (A) Home consumption (B) Distant markets  
(C) For local market (D) At commercial level
111. The true fruits develop from \_\_\_\_\_.
- (A) Ovary (B) Thalamus  
(C) Pericarp (D) All of above
112. Fertigation refers to the application of fertilizers with \_\_\_\_\_.
- (A) Water (B) Rain  
(C) Both of A and B (D) None of A and B
113. Early blight and late blight diseases of potato are \_\_\_\_\_.
- (A) fungal (B) Viral  
(C) Bacterial (D) Physiological
114. Auxins have effective role in \_\_\_\_\_.
- (A) Rooting  
(B) Cell division  
(C) Reduction in pre-harvest fruit drop  
(D) All of above

115. \_\_\_\_\_ is monocot dioecious fruit tree.  
(A) Banana (B) Pomegranate  
(C) Date palm (D) Pineapple
116. Both mango and pistachio belong to one family \_\_\_\_\_.  
(A) Anacardiaceae (B) Mangiferae  
(C) Sapotaceae (D) None of above
117. Guava is a rich source of \_\_\_\_\_.  
(A) Vitamin C (B) Pectin  
(C) A and B (D) Sugar
118. Bearing habit of mango is \_\_\_\_\_.  
(A) Terminal (B) Lateral  
(C) Axillary (D) Basal
119. Edible part of pomegranate is  
(A) Seed (B) Vesicles  
(C) Mesocarp (D) Arils
120. Apples and pears are classified as \_\_\_\_\_.  
(A) Drupe (B) Pome  
(C) Berry (D) Hesperidium
121. Mushroom seed is called \_\_\_\_\_.  
(A) Button (B) Seed  
(C) Spawn (D) None of above

122. Jamun has medicinal value against \_\_\_\_\_.  
(A) Diabetes (B) Cancer  
(C) Blindness (D) All of above
123. Physiological activity in which plants tissue degenerate and ultimately die is called as \_\_\_\_\_.  
(A) Senescence (B) Juvenility  
(C) Climacteric (D) Degeneration
124. Plant response to the relative length of daylight or darkness is known as \_\_\_\_\_.  
(A) Long day (B) Short day  
(C) Geotropism (D) Phototropism
125. Spongy tissue in mango is due to \_\_\_\_\_.  
(A) Fungus (B) Virus  
(C) Bacteria (D) Physiological disorder
126. A plant which is able to live under very dry conditions is called \_\_\_\_\_.  
(A) Xerophyte (B) Halophyte  
(C) Mesophyte (D) None of above
127. Which state has highest grape productivity?  
(A) Karnataka (B) AP  
(C) TN (D) Maharashtra
128. Litchi is commonly propagated by \_\_\_\_\_.  
(A) Air layering (B) Cuttings  
(C) Grafting (D) Budding

129. Cauliflorous fruiting is observed in \_\_\_\_\_.  
(A) Jackfruit (B) Mango  
(C) Papaya (D) Guava
130. The nutrient element which is immobile in soil and applied only as basal dose is \_\_\_\_\_.  
(A) Mg (B) K  
(C) N (D) P
131. Botanically Sapota fruit is \_\_\_\_\_.  
(A) Drupe (B) Berry  
(C) Nut (D) None of above
132. Most commonly used thickness of UV stabilized sheet for polyhouse \_\_\_\_\_.  
(A) 100  $\mu$  (B) 300  $\mu$   
(C) 500  $\mu$  (D) 200  $\mu$
133. Precooling means \_\_\_\_\_.  
(A) Removal of field heat (B) Fruit preservation  
(C) Cold storage (D) Refrigeration
134. TSS is measured by \_\_\_\_\_.  
(A) Refractometer (B) Hydrometer  
(C) Lactometer (D) Peintrometer
135. In Lye-peeling which chemical is commonly used?  
(A) KOH (B) NaOH  
(C)  $K_2SO_4$  (D) All above

136. Which of the following methods is commonly used for rejuvenation of orchards?
- (A) Tongue grafting                      (B) Top working  
(C) Side grafting                         (D) Epicotyl grafting
137. Which of the following varieties is a seedless type mango variety?
- (A) Sonpari                                 (B) Dasheri  
(C) Sindhu                                  (D) Amrapali
138. Mallika is a hybrid between \_\_\_\_\_.
- (A) Amrapali × Neelum                 (B) Langda × Neelum  
(C) Neelum × Dashehari                (D) Dashehari × Neelu
139. Banana is propagated by means of \_\_\_\_\_.
- (A) Sucker                                 (B) Runner  
(C) Stolon                                  (D) Rhizome
140. National Research Center(NRCC) for Grapes is located in\_\_\_\_\_.
- (A) Nagpur                                 (B) Pune  
(C) Bangalore                              (D) Trichy
141. Which of the following phytohormone is used for regulating flowering in mango?
- (A) NAA                                     (B) 2-4-D  
(C) Paclobutrazol                        (D) GA
142. Gladiolus is generally propagated by \_\_\_\_\_.
- (A) Bulb                                     (B) Tuber  
(C) Bulbil                                  (D) Corns

143. Freesia is a \_\_\_\_\_.
- (A) Climber (B) Flowering tree  
(C) Cacti (D) Bulbous plant
144. Which spice is called King of spices?
- (A) Cardamom (B) Vanilla  
(C) Black pepper (D) None of above
145. Which fruit is exported maximum quantity from India now?
- (A) Banana (B) Mango  
(C) Grapes (D) Pomegranate
146. What is the contribution of Horticulture to the GDP of Agriculture in India?
- (A) 15% (B) 28%  
(C) 20% (D) 40%
147. Browning in cauliflower results from \_\_\_\_\_.
- (A) N deficiency (B) B deficiency  
(C) Mn toxicity (D) K deficiency
148. Little leaf in brinjal is caused by \_\_\_\_\_.
- (A) Fungus (B) Phytoplasma  
(C) Bacteria (D) Nematode
149. Plants which do not set fruits with their own pollen are called \_\_\_\_\_.
- (A) Cross pollinated (B) Unfruitful  
(C) Self incompatible (D) Cross fruitful

150. A common pre-emergent herbicide is \_\_\_\_\_.  
(A) Atrazine (B) Paraquat  
(C) 2,4-D (D) Glyphosate
151. Edible part of coconut is \_\_\_\_\_.  
(A) Endosperm (B) Thalamus  
(C) Aril (D) Epicarp
152. Curcumin is extracted from \_\_\_\_\_.  
(A) Turmeric (B) Ginger  
(C) Kokum (D) Curry leaf
153. Vernalization treatment is necessary for \_\_\_\_\_.  
(A) Flowering (B) Vegetative growth  
(C) Fruiting (D) Germination
154. Edible button mushroom is a \_\_\_\_\_.  
(A) Vegetable (B) Spice  
(C) Mould (D) Fungus
155. Tomato ,chillies and brinjal are grouped as \_\_\_\_\_.  
(A) Cole crops (B) Fruit crops  
(C) Solanaceous crops (D) Summer crops
156. Which State has maximum area under Onion?  
(A) Gujarat (B) West Bengal  
(C) Maharashtra (D) Bihar

157. Arka Meghna is a variety of \_\_\_\_\_.  
(A) Tomato (B) Chilli  
(C) Brinjal (D) Cabbage
158. Sprouting of onion during storage is checked by the use of \_\_\_\_\_.  
(A) NAA (B) MH  
(C) GA<sub>3</sub> (D) Thiourea
159. The vector for transmission of leaf curl virus of vegetables is \_\_\_\_\_.  
(A) Aphids (B) White flies  
(C) Honey bee (D) Thrips
160. Indian State having the highest production of spices is \_\_\_\_\_.  
(A) Rajasthan (B) Gujarat  
(C) Andhra Pradesh (D) Tamil Nadu
161. The CFTRI is located at \_\_\_\_\_.  
(A) Hyderabad (B) Mysore  
(C) Bangalore (D) Bhopal
162. Vegetables are canned in \_\_\_\_\_.  
(A) Syrup (B) Distilled water  
(C) Brine solution (D) None of the above
163. National Centre for Organic Farming is located at \_\_\_\_\_.  
(A) Bhopal (B) Gaziabad  
(C) Pune (D) Lucknow

164. Disbudding and pinching are the common practices in \_\_\_\_\_.  
(A) Rose (B) Chrysanthemum  
(C) Lotus (D) Gerbera
165. Who is known as Father of Systematic Pomology?  
(A) De Candole (B) Williams  
(C) M S Swaminathan (D) B P PLa
166. Which is the high papain yielding cultivar of papaya?  
(A) CO1 (B) CO2  
(C) Surya (D) Ranchi
167. Dwarf Cavendish variety belongs to genomic group \_\_\_\_\_.  
(A) AAA (B) AAB  
(C) ABB (D) AABB
168. Which of the following is a non-climacteric fruit?  
(A) Jackfruit (B) Pineapple  
(C) Banana (D) Mango
169. Fruit development in mangosteen is by the process of \_\_\_\_\_.  
(A) Parthenogenesis (B) Parthenocarpy  
(C) Double fertilization (D) None of the above
170. What is the type of fruit in mango?  
(A) Drupe (B) Berry  
(C) Pome (D) Nut

171. Hen and chicken physiological disorder is seen in \_\_\_\_\_.  
(A) Grape (B) Mango  
(C) Jamun (D) Banana
172. Widely grown mandarin in North West India is \_\_\_\_\_.  
(A) Kinnow (B) Khasi  
(C) Coorg (D) Nagpur
173. Pusa Surya mango cultivar is a clonal selection from \_\_\_\_\_.  
(A) Eldon (B) Haden  
(C) Kent (D) Tommy Atkins
174. Sometimes seedlessness in guava is observed due to \_\_\_\_\_.  
(A) Parthenocarpy (B) Triploidy  
(C) Self-incompatibility (D) Parthenogenesis
175. Effect of pollen on tissues outside the endosperm is called \_\_\_\_\_.  
(A) Xenia (B) Metaxenia  
(C) Parthenocarpy (D) None of the above
176. 22. Salt creek is rootstock for \_\_\_\_\_.  
(A) Mango (B) Grape  
(C) Jamun (D) Guava
177. Bitter pit is a disorder in \_\_\_\_\_.  
(A) Mango (B) Apple  
(C) Pineapple (D) Ber

178. Types of flowers present in mango inflorescences are \_\_\_\_\_.  
(A) Male & hermaphrodite (B) Female only  
(C) Male & female (D) Only male
179. \_\_\_\_\_ is a strictly subtropical fruit crop having very exacting climate requirement.  
(A) Litchi (B) Grape  
(C) Loquat (D) Mango
180. Hexagonal system of planting accommodates more than square system of planting to the extent of \_\_\_\_\_.  
(A) 10% (B) 15%  
(C) 30% (D) 40%
181. The T.S.S. of jam should be \_\_\_\_\_.  
(A) 40° Brix (B) 50° Brix  
(C) 68° Brix (D) 75° Brix
182. The main insect responsible for pollination in mango is \_\_\_\_\_.  
(A) Common House fly (B) Honey bee  
(C) A dipterous fly (D) Butter fly
183. Which of the following mango variety is selected by clonal selection?  
(A) Niranjan (B) Manjeera  
(C) Arka Nilkiran (D) Jumbo Kesar
184. The February flowering in Citrus is known as \_\_\_\_\_.  
(A) Hastha bahar (B) Mrig bahar  
(C) Ambe bahar (D) None of above

185. Which of the following fruits is climacteric?  
(A) Sapota (B) Papaya  
(C) Both A & B (D) None of above
186. Which is a gynodioecious variety of papaya?  
(A) Solo (B) CO1  
(C) CO2 (D) Pusa Delicious
187. Which is the most salt tolerant fruit crop?  
(A) Ber (B) Citrus  
(C) Strawberry (D) Pomegranate
188. After harvesting, cutting of banana pseudo-stem is known as \_\_\_\_\_.  
(A) Desuckring (B) Propping  
(C) Mattocking (D) Pairing
189. Optimum salinity in irrigation water for Horticulture crops is  
(A) <1000  $\mu\text{S}/\text{cm}$  (B) 1000-1500  $\mu\text{S}/\text{cm}$   
(C) 1500-2000  $\mu\text{S}/\text{cm}$  (D) 2000-3000  $\mu\text{S}/\text{cm}$
190. Cryopreservation of pollen grains is done at \_\_\_\_\_.  
(A)  $-196^\circ\text{C}$  (B)  $-55^\circ\text{C}$   
(C)  $0^\circ\text{C}$  (D)  $1^\circ\text{C}$
191. Seedless fruit development by way of stenospermacarpy is observed in \_\_\_\_\_.  
(A) Citrus (B) Guava  
(C) Grapes (D) Banana

192. In which fruit seed develops earlier than pulp/flesh?  
(A) Litchi (B) Ber  
(C) Mango (D) Papaya
193. Dormex (Hydrogen cyanamide) is used for early bread break in \_\_\_\_\_.  
(A) Litchi (B) Grapes  
(C) Papaya (D) Mango
194. Ratna mango variety is a cross of \_\_\_\_\_.  
(A) Alphonso × Banganpalli (B) Neelum × Langada  
(C) Neelum × Alphonso (D) Alphonso × Neelum
195. Marmalade is prepared from \_\_\_\_\_.  
(A) Mango (B) Grapes  
(C) Litchi (D) Oranges
196. Botanically Tomato is a \_\_\_\_\_ type of fruit  
(A) Berry (B) Multiple  
(C) Drupe (D) Pome
197. Which fruit crop is propagated on large scale by tissue culture?  
(A) Papaya (B) Banana  
(C) Citrus (D) Strawberry
198. Edible part of saffron is \_\_\_\_\_.  
(A) Leaves (B) Stigma  
(C) Stem (D) Bark

199. National Research Center for Medicinal & Aromatic Plants is located in \_\_\_\_\_.  
(A) Ahmedabad (B) Lucknow  
(C) Anand (D) Surat
200. Botanically Isabgol is \_\_\_\_\_.  
(A) *Plantago ovata* (B) *Piper longum*  
(C) *Cassia angustifolia* (D) *Silybum marianum*
201. The most common rooting hormone is \_\_\_\_\_.  
(A) IAA (B) IBA  
(C) GA (D) Cytokinin
202. India is the \_\_\_\_\_ largest producer of vegetables in the World  
(A) First (B) Second  
(C) Third (D) Fourth
203. The vector for yellow vein mosaic virus in okra is \_\_\_\_\_.  
(A) White fly (B) Aphids  
(C) Jassids (D) Grass hoppers
204. Type of vegetable gardening followed on Dal Lake of Kashmir valley is \_\_\_\_\_.  
(A) Floating garden (B) Hydroponics  
(C) Kitchen garden (D) None of above
205. Planning Commission has divided India into \_\_\_\_\_ agro-climatic zones  
(A) 6 (B) 15  
(C) 10 (D) 12

206. Which irrigation method is commonly followed in Tea gardens?  
(A) Sprinkler (B) Drip  
(C) Ring (D) Flood
207. The movement of auxin in the stem (Aerial) parts of plants is \_\_\_\_\_.  
(A) Acropetal (B) Basipetal  
(C) Lateral (D) None of above
208. How much TPS (True Potato Seed) is required for planting 1 ha area?  
(A) 40-50 g (B) 100-150 g  
(C) 200-250 g (D) 300-350 g
209. Deficiency symptoms of Sulphur first appear on \_\_\_\_\_.  
(A) Young leaves (B) Older leaves  
(C) Young shoots (D) Fruits
210. Useful compound in *D.alata* is \_\_\_\_\_.  
(A) Diosgenin (B) Solasodine  
(C) Dioscorine (D) Tomatine
211. An edible part of celery is \_\_\_\_\_.  
(A) Petiole (B) Head  
(C) Curd (D) None of above
212. According to photoperiodism brinjal plant is a \_\_\_\_\_.  
(A) SDP (B) LDP  
(C) DNP (D) None of above

213. Isolation distance for foundation seed production of chilli is \_\_\_\_\_.  
(A) 400 m (B) 200 m  
(C) 100 m (D) None of above
214. Which country grows the largest quantity of vegetables?  
(A) China (B) USA  
(C) Russia (D) India
215. The HQ of Indian Institute of vegetable Research is at \_\_\_\_\_.  
(A) Varanashi (B) Bengaluru  
(C) Pantnagar (D) Ludhiana
216. Sugar Baby is a cultivar of \_\_\_\_\_.  
(A) Musk melon (B) Water melon  
(C) Snap melon (D) None of above
217. Which of the following is triploid water melon?  
(A) Pusa Madhuras (B) Pusa Sharabati  
(C) Pusa Rasraj (D) Pusa Bedana
218. Pusa Naveen is a cultivar of \_\_\_\_\_.  
(A) Bottle gourd (B) Bitter gourd  
(C) Sponge gourd (D) Ridge gourd
219. Arka Komal is a cultivar of \_\_\_\_\_.  
(A) Snap bean (B) French bean  
(C) Indian bean (D) Cluster bean

220. Tag colour of bag of foundation seed is  
(A) White (B) Golden yellow  
(C) Blue (D) Green
221. In Gujarat total area under mango is  
(A) 1.0 lakh ha (B) 2.0 lakh ha  
(C) 1.5 lakh ha (D) 2.5 lakh ha
222. In Gujarat the maximum area under cumin is in which district?  
(A) Banaskantha (B) Surendranagar  
(C) Patan (D) Kutch
223. India exports maximum fresh mangoes to which country?  
(A) Kuwait (B) UK  
(C) USA (D) UAE
224. Which mango variety is found to be amenable for high density planting?  
(A) Kesar (B) Amrapali  
(C) Alphonso (D) Rajapuri
225. Black tip disease is found in which fruit?  
(A) Pomegranate (B) Banana  
(C) Papaya (D) Mango
226. Acridity in Suran is due to \_\_\_\_\_.  
(A) Na Oxalate (B) Mg Oxalate  
(C) Ca Oxalate (D) None of above

227. Red colour of tomato is due to \_\_\_\_\_.  
(A) Lycopene (B) Capsicutin  
(C) Anthocinin (D) Xanthophyl
228. Arka Navneet is a F1 hybrid of \_\_\_\_\_.  
(A) Tomato (B) Brinjal  
(C) Chilli (D) Okra
229. Arka Gaurav is a cultivar of \_\_\_\_\_.  
(A) Chilli (B) Capsicum  
(C) Paprika (D) Okra
230. Which of the following crops is not classified as plantation?  
(A) Tea (B) Coffee  
(C) Oil plam (D) Banana
231. Sodic soils have ESP ( exchangeable sodium percentage) of \_\_\_\_\_.  
(A) <15% (B) >15%  
(C) 15% (D) <8.5%
232. Major mango variety used for processing is \_\_\_\_\_.  
(A) Rajapuri (B) Dashehari  
(C) Langda (D) Totapuri
233. Which of the following elements is required for synthesis of tryptophan a precursor of auxins?  
(A) Zinc (B) Boron  
(C) Copper (D) Molybdenum

234. Which of the following grafting methods is scion attached?  
(A) Splice (B) Cleft  
(C) Softwood (D) Inarch
235. Pusa Vishesh is cultivar of \_\_\_\_\_.  
(A) Bottle gourd (B) Ridge gourd  
(C) Spong gourd (D) Bitter gourd
236. Which of the following fruit is aggregatetype?  
(A) Fig (B) Jack fruit  
(C) Pineapple (D) Custard apple
237. The minimum distance for foundation seed production in onion is \_\_\_\_\_.  
(A) 500 m (B) 1000 m  
(C) 1500 m (D) 400 m
238. Seb is variety of \_\_\_\_\_.  
(A) Apple (B) Ber  
(C) Banana (D) Papaya
239. Phonix dactilifera is botanical name of which fruit?  
(A) Oil palm (B) Date palm  
(C) Coconut (D) Areca nut
240. Which type of fig has both pistillate and staminate flowers?  
(A) Smyrna (B) San Pedro  
(C) Caprifig (D) None of above

241. Arka Mrudual is a cultivar of \_\_\_\_\_.
- (A) Ber **(B)** Guava  
(C) Pomegranate (D) Grape
242. Which of the following is the important post harvest disease of mango?
- (A)** Anthracnose (B) Heart rot  
(C) Chocolate spot (D) Brown rot
243. Which of the following treatments kill some selective but not all the microbes present and usually the temperature is below 100° C
- (A)** Pasteurization (B) Sterilization  
(C) Blanching (D) Pascalization
244. Which of the following enzymes is responsible for enzymatic browning in fruits and vegetables?
- (A) Cellulase (B) Pectinase  
**(C)** Polyphenol oxidase (D) None of above
245. Which of the following elements is responsible for firmness in fruits?
- (A) Nitrogen **(B)** Calcium  
(C) Phosphorus (D) Zinc
246. Commonly used sprout suppressant in potato in India is \_\_\_\_\_.
- (A)** MH (B) Cycocel  
(C) Alar (D) All of above
247. Which of the following is known as ripening hormone?
- (A) Gibberlin (B) Auxin  
(C) Ethylene **(D)** Cytokinin

248. Calcium carbide releases which type of gas?  
(A) Ethylene (B) CO<sub>2</sub>  
(C) SO<sub>2</sub> (D) Acetylene
249. What is the optimum cold storage temperature for mango?  
(A) 10-11°C (B) 12-13°C  
(C) 14-15°C (D) 15-16°C
250. Elongation of genetically dwarf plant is possible with \_\_\_\_\_.  
(A) IAA (B) GA  
(C) Kinetin (D) Anthesin
251. In case of pea the isolation distance for certified seed production is \_\_\_\_\_.  
(A) 5 m (B) 20 m  
(C) 24 m (D) 100 m
252. India is leading producer of which of the following crops organically which accounts for 1/3 of worlds production?  
(A) Coffee (B) Tea  
(C) Cocoa (D) Coconut
253. The basic principle involved in tissue culture is known as \_\_\_\_\_.  
(A) Proliferation (B) Totipotency  
(C) Organogenesis (D) Potentiality
254. Genetic variability generated during tissue culture is known as \_\_\_\_\_.  
(A) Gamatoclonal (B) Mutagenic  
(C) Somoclonal (D) Epigenic

255. Plant having the single complete set of chromosome is known as \_\_\_\_\_.  
(A) Terplloid (B) Haploid  
(C) Diploid (D) Triploid
256. The commonly used solidifying agent in plant tissue culture media is \_\_\_\_\_.  
(A) Gum (B) Resin  
(C) Agar (D) Gelatin
257. The aim of anther culture is to develop \_\_\_\_\_.  
(A) Somatic hybrid plants (B) Hybrid plants  
(C) Haploid plants (D) Polyploid plants
258. Which insect feed on cotyledons of mango and destroy them?  
(A) Stone weevil (B) Fruit fly  
(C) Hoppers (D) Gall midge
259. Which is the insect vector of banana bunchy top?  
(A) Aphid (B) Rhizome weevil  
(C) Scale insect (D) None of above
260. What is the main cause of guttation?  
(A) Root pressure (B) Turgor pressure  
(C) Osmotic pressure (D) None of above.
261. What is the naturally occurring cytokinin?  
(A) BAP (B) Kinetin  
(C) Zeatin (D) All above

262. What is the reason of curvature of plants towards the source of light?
- (A) Phtoperiodism                      (B) Phototropism  
(C) Photosynthesis                      (D) Photorespiration
263. Prajwal is an improved variety of \_\_\_\_\_.
- (A) French marigold                      (B) Tuberosse  
(C) Country rose                      (D) Chrysanthemum
264. Indian Coconut Development Board HQ is located in?
- (A) Chainnai                      (B) (Kochi)Cochin  
(C) Trivendrum                      (D) Mangalore
265. The hybrid mango variety Ratna is developed at \_\_\_\_\_.
- (A) Periyakulam                      (B) Sabour  
(C) Lucknow                      (D) Vengurla
266. In India which State covers maximum Organically certified area?
- (A) Rajasthan                      (B) HP  
(C) MP                      (D) Assam
267. Bhavnagar district is famous for which processed product?
- (A) Mango pulp                      (B) Guava pulp  
(C) Dried onion flakes                      (D) Dried chilli powder
268. Which agency is responsible for implementation of micro-irrigation scheme in Gujarat?
- (A) NHB                      (B) NHM  
(C) GGRC                      (D) GAIDC

269. The head office of GGRC is located at?  
(A) Gandhinagar (B) Ahmedabad  
(C) Vadodara (D) Kutch
270. Punjab Gold variety developed by PAU Ludhiana for pot culture belongs to which flower?  
(A) Marigold (B) Aster  
(C) Chrysanthemum (D) Rose
271. What is the name of process of crossing of F1 with either of parents?  
(A) Test crossing (B) Back crossing  
(C) Interspecific crossing (D) Intergeneric crossing
272. Which is unusual chocolate coloured rose variety?  
(A) Rupali (B) Mohini  
(C) Shabnum (D) Arunima
273. Which of the following is non climacteric fruit?  
(A) Banana (B) Citrus  
(C) Mango (D) Papaya
274. The period between reproductive maturity and death of part or plant part is known as \_\_\_\_\_.  
(A) Ripenign (B) Senescence  
(C) Hallife (D) Juvenilty
275. Helicornia is propagated by \_\_\_\_\_.  
(A) Rhizome (B) Corm  
(C) Stolon (D) Runner

276. What is the National flower of india?  
(A) Rose (B) Marigold  
(C) Lotus (D) Chrysanthemum
277. The art of training plants into shapes of different statues, birds and animals is called \_\_\_\_\_.  
(A) Edge (B) Hedge  
(C) Topiary (D) Peragola
278. Delonix regia is commonly called as \_\_\_\_\_.  
(A) Red gulmohor (B) Silver oak  
(C) Amaltas (D) Bottle brush
279. The famous Shalimar garden is located at \_\_\_\_\_.  
(A) Jammu (B) Srinagar  
(C) Shimla (D) Vadodara
280. Baradari is an important feature of \_\_\_\_\_.  
(A) French garden (B) Mughal garden  
(C) English garden (D) Chinese garden
281. Jasmine belongs to the family \_\_\_\_\_.  
(A) Iridaceae. (B) Oleaceae  
(C) Amryllidaceae (D) None of above
282. Spongy tissue is a common problem in which mango variety?  
(A) Neelphonso (B) Sonpari  
(C) Ratna (D) Alphonso

283. Which is a monoembryonic species of Citrus?  
(A) *C. sinensis* (B) *C. reticulata*  
(C) *C. nobilis* (D) *C. grandis*
284. Valencia is variety of which Citrus species?  
(A) *C. sinensis* (B) *C. reticulata*  
(C) *C. Medica* (D) *C. limon*
285. Granulation physiological disorder is found in which fruits?  
(A) Papaya (B) Mango  
(C) Banana (D) Sweet orange
286. 257. Nendran banana variety belongs to which group?  
(A) AAA (B) AAB  
(C) ABB (D) AAAA
287. Central Potato Research Institute is located at \_\_\_\_\_.  
(A) Thiruvanthpuram (B) Shimla  
(C) Deesa (D) Solan
288. National Organic Farming Research Institute is located at \_\_\_\_\_.  
(A) Andman Nicobar (B) Kerala  
(C) Meghalaya (D) Sikkim
289. Central Coastal Agr. Research Institute is located at  
(A) Okha, Gujarat (B) Goa  
(C) Bhubaneswar (D) Kochi

290. Which fruit crop research station is located at Mundra, Kutch?  
(A) Ber (B) Pomegranate  
(C) Papaya (D) Date palm
291. Which fruit is rich in fat?  
(A) Avocado (B) Date  
(C) Banana (D) Guava
292. In date palm fully ripe fruits are called as  
(A) Chimri (B) Rutab  
(C) Tamer (D) Khalal
293. Commercially in which fruit crop hand pollination is done?  
(A) Fig (B) Pineapple  
(C) Date palm (D) Pomegranate
294. Umran is a variety of which fruit?  
(A) Fig (B) Ber  
(C) Pomegranate (D) Pineapple
295. Custard apple belongs to the Family  
(A) Anacardiaceae (B) Annonaceae  
(C) Punicaceae (D) Araceae
296. Which is the most important pest of custard apple in Gujarat?  
(A) Thrips (B) White fly  
(C) Mealy bug (D) Hoppers

297. What is required for pollination and fruit setting in fig?  
(A) House fly (B) Honey bee  
(C) Wind (D) Blatsophaga psenes
298. Goma Priyanka jamun variety is developed by  
(A) JAU, Junagad (B) AAU, Ananad  
(C) CHES, Godhra (D) ADAU, SK Nagar
299. National Research Center for banana is located at  
(A) Cochin (B) Trichi  
(C) Madurai (D) Periyakulam
300. Which okra variety is resistant YVMV?  
(A) Arka Keshav (B) Arka Neelkanth  
(C) Arka Suman (D) Arka Abhay