



1. "Allinase" is an enzyme that converts alliin in garlic into:
  - (a) Allicin
  - (b) Allicine
  - (c) Allinin
  - (d) Allinine
2. *A. karataviense* species of onion is preferred for which purpose?
  - (a) Salad
  - (b) Pickle
  - (c) Rock garden
  - (d) Dehydration
3. Advance form of sex in cucurbits is-
  - (a) Monoecious
  - (b) Dioecious
  - (c) Hermaphrodite
  - (d) Andromonoecious
4. African Gold in tight bud stage functions as a good source to trap the adults of which pest?
  - (a) Aphid
  - (b) Gandhi bug
  - (c) Fruit borer
  - (d) Jassid
5. Agra Petha, famous all over India, is prepared from which crop?
  - (a) Bottle gourd
  - (b) Pumpkin
  - (c) Ash gourd
  - (d) Muskmelon
6. Aijowan ka Phool is a form of which of following?
  - (a) Crystal form of Thymol
  - (b) Liquid form of Thymol
  - (c) Crystal form of Cineol
  - (d) Crystal form of Linalool
7. All cucurbits are propagated by seeds except which of the followings?
  - (a) Pointed gourd
  - (b) Little gourd
  - (c) Kakrol
  - (d) All of the above
8. All the cole crops are originated from which common parent?
  - (a) *Brassica oleracea* var. *sylvestris*
  - (b) *Brassica oleracea* var. *rapa*
  - (c) *Brassica campestris*
  - (d) *Raphanus sativus*
9. Allepy and Duggirala are the trade name of which crop?
  - (a) Ginger
  - (b) Garlic
  - (c) Tamarina
  - (d) Turmeric
10. Amaranth is which type of plant?
  - (a) C3
  - (b) C4
  - (c) CAM
  - (d) None of the above
11. Amaranth originated from which region of the world?
  - (a) Brazil
  - (b) India
  - (c) Europe
  - (d) Asia
12. An illness which is known as "favism" is caused in peoples due to allergy to pollen and to green pod of which crop?
  - (a) French bean
  - (b) Indian bean
  - (c) Broad bean
  - (d) Moth bean
13. An isoprenoid alcohol 'Solanesol' is extracted from-
  - (a) Tobacco
  - (b) Tomato
  - (c) Potato
  - (d) Brinjal
14. An intermediate phase 'curdling' is found in-
  - (a) Cabbage
  - (b) Turnip
  - (c) Cauliflower
  - (d) Kohlrabi
15. "Angoorlata" is a variety of-
  - (a) Grape
  - (b) Lobia
  - (c) Tomato
  - (d) Kidney bean

16. Application of which nutrient in French bean enhances nodulation in roots?
- (a) Calcium (b) Magnesium (c) Phosphorus (d) Potassium
17. "Arka Harit" is a variety of which of the following crops?
- (a) Amaranth (b) Bottle gourd (c) Bitter gourd (d) Brinjal
18. "Arka Nishant" variety of radish is resistant to which disorder?
- (a) Pithiness (b) Branching (c) Forking (d) Zoning
19. Arrow root belongs to which family?
- (a) Solanaceae (b) Fabaceae (c) Euphorbiaceae (d) Marantaceae
20. Ascorbic acid is another name for which of following?
- (a) Vitamin A (b) Vitamin D (c) Vitamin C (d) Vitamin B6
21. Asparagus is a plant:
- (a) Tender (b) Very tender (c) Hardy (d) Half hardy
22. At what stage harvesting should be done in watermelon to be transported to distant marketing?
- (a) Full slip stage (b) Green mature stage (c) Half slip stage (d) None of the above
23. At which rate of application of MH-40 the sprouting of onion can be checked in storage?
- (a) 500 ppm (b) 100 ppm (c) 1500 ppm (d) 2500 ppm
24. At which temperature onion is stored?
- (a) 4-5 °C (b) 0 °C (c) 6-8 °C (d) 10 °C
25. At which temperature potato tuber production stops totally?
- (a) 25 °C (b) 30 °C (c) 35 °C (d) None of the above
26. At which time the flowers of sponge gourd open?
- (a) Afternoon (b) Morning (c) Evening (d) Night
27. AVRDC is situated in which country?
- (a) Tokyo (b) Tasmania (c) Taiwan (d) Turkmenistan
28. "Badi chuali" belongs to which species?
- (a) *blitum* (b) *tricolor* (c) *caudatus* (d) None of the above
29. Back cross method of breeding means-
- (a) Mutation breeding (b) Polyploidy breeding (c) Tissue culture (d) Crossing F1 to desirable parents
30. Bharat is the first hybrid of capsicum released by which agency?
- (a) MAHYCO (b) IAHS (c) Bio-seeds (d) Sungrow

31. "Big Vein" is a seed borne viral disease of-
- (a) Radish (b) Cauliflower  
(c) Lettuce (d) Methi
32. Binomial nomenclature of plants is written in which language-
- (a) English (b) Roman  
(c) Latin (d) French
33. Bitterness in brinjal is due to presence of-
- (a) Glycoproteins (b) Glycoalkaloids  
(c) Oleoresins (d) None of the above
34. Bitterness in cucumber is due to the effect of external pollens and is called-
- (a) Glucosides (b) Alkaloids  
(c) Xenia (d) Metaxenia
35. Pungency in chilli is due to-
- (a) Capsanthin (b) Capsicin  
(c) Carotenoid (d) Capsinoid
36. Black heart is a physiological disorder of which crop-
- (a) Tomato (b) Chilli  
(c) Brinjal (d) Potato
37. Black mould is a serious storage disease of which crop-
- (a) Onion (b) Tomato  
(c) Chilli (d) Okra
38. Blend mucilage obtained from which fruit is also used as a clarifying agent in the preparation of jaggery (gur)-
- (a) Tomato (b) Jute  
(c) Okra (d) Cotton
39. Blossom End Rot of tomato is due to deficiency of-
- (a) Calcium (b) Boron  
(c) Magnesium (d) Sulphur
40. Boron deficiency in tomato causes which disorder-
- (a) Browning (b) Catface  
(c) Puffiness (d) Fruit cracking
41. Botanical name of which crop is Cucurbita moschata Poir. -
- (a) Pumpkin (b) Watermelon

- (c) Muskmelon (d) Tomato
42. Botanically the Scarlet gourd is-
- (a) *Momordica charantia* (b) *Tricosanthus dioica*  
(c) *Coccinia indica* (d) None
43. Bottle neck is a disorder of which crop-
- (a) Cucumber (b) Bottle gourd  
(c) Carrot (d) Rose
44. Breeder seed is the source of-
- (a) Certified seed (b) Nucleus seed  
(c) Foundation seed (d) Registered seed
45. Brinjal, croton and cowpea are host plant for rearing which pest?
- (a) Grasshopper (b) Mite  
(c) Aphid (d) Whitefly
46. Broccoli is a rich source of a compound having the anti-cancerous property?
- (a) Lycopene (b) Vanadium  
(c) Sulphophane (d) All of the above
47. Browning disorders occur in-
- (a) Cauliflower (b) Cabbage  
(c) Tomato (d) Okra
48. By seed-to-seed method, how much is the seed required for planting one hectare crop of onion-
- (a) 8-10 (b) 5-7  
(c) 10-12 (d) 4-5
49. Cabbage head is the modification of-
- (a) Leaves (b) Stem  
(c) Root (d) Flower
50. Cabbage juice can be used for remedy of which ailment-
- (a) Heart disease (b) Dysentery  
(c) Stomach ache (d) Poisonous snakes
51. Carbohydrate content (%) in potato is-
- (a) 10 (b) 15  
(c) 22 (d) 25

52. Carrot is a heavy feeder particularly of which nutrient-
- (a) N (b) P  
(c) K (d) Ca
53. Carrot is a rich source of vitamin-
- (a) A (b) B  
(c) C (d) D
54. Carrot roots become shorter under-
- (a) High temperature (b) High humidity  
(c) Low temperature (d) Low humidity
55. Catface is a physiological disorder of which crop-
- (a) Tomato (b) Brinjal  
(c) Pea (d) Onion
56. Cauliflower is originated in which region-
- (a) Mediterranean coast (b) South and Central America  
(c) Iran (d) None of the above
57. Cauliflower was introduced in India in which year-
- (a) 1855 (b) 1838  
(c) 1865 (d) 1822
58. Cavity spot in carrot develops due to deficiency of-
- (a) Ca (b) Na  
(c) K (d) Mg
59. Chemical formulae of Potassium meta-bisulphite is-
- (a) KMS (b)  $K_2SO_4$   
(c)  $KSO_2$  (d)  $K_2S_2O_3$
60. Chipsona is a variety of-
- (a) Tomato (b) Potato  
(c) Chilli (d) Carrot
61. Chow-chow is which kind of perennial in habit with annual vine growth-
- (a) Dioecious (b) Hermaphrodite  
(c) Monoecious (d) Andromonoecious
62. Cleistogamy favours-
- (a) Self pollination (b) Cross pollination

- (c) Both (d) None
63. Club-root is disease of cabbage is a-
- (a) Soil borne disease (b) Seed borne disease  
(c) Air borne disease (d) None of the above
64. Cluster bean contains mucilagenous substance called-
- (a) Allantoin (b) Mannogalacton  
(c) Allantonic acid (d) Glycoprotein
65. Cobalt is a part of vitamin-
- (a) A (b) B  
(c) C (d) D
66. Coleous is commonly known as which of the following-
- (a) Indian potato (b) White potato  
(c) Chinese potato (d) Iris potato
67. Tuberization in potato completely stops at temperature ( $^{\circ}\text{C}$ )-
- (a) 20 (b) 25  
(c) 23 (d) 30
68. 'Contender' is the variety of which crop-
- (a) French bean (b) Broad bean  
(c) Lima bean (d) None of the above
69. Coriander is a native of which region-
- (a) South America (b) Mediterranean region  
(c) China (d) India
70. Cryo-preservation is associated with-
- (a) Liquid  $\text{N}_2$  (b) Liquid  $\text{O}_2$   
(c) Liquid  $\text{P}_2\text{O}_5$  (d) Liquid  $\text{K}_2\text{O}$
71. Cucumis melo var. momordica is botanical name of which of the following-
- (a) Snap melon (b) Muskmelon  
(c) Snake gourd (d) Bottle gourd
72. Cultivated tomato originated from which of the following-
- (a) *Solanum lycopersicon* var. *cerasiforme*  
(b) *Solanum lycopersicon* var. *pyriforme*  
(c) *Solanum lycopersicon* var. *chesmani*

(d) *Solanum lycopersicon* var. *glabratum*

73. Curry leaf belongs to which family-
- (a) Myrtaceae (b) Solanaceae  
(c) Rutaceae (d) Rosaceae
74. Diara method of cultivation is followed in which vegetable crop-
- (a) Cucurbits (b) Cole crops  
(c) Tuber crops (d) Root crops
75. Deficiency of molybdenum in cauliflower leads to-
- (a) Brown rot (b) Whiptail  
(c) Riceyness (d) None of these
76. Diamond Back Moth is the serious pest of-
- (a) Tomato (b) Cabbage  
(c) Potato (d) Chilli
77. Earthing-up in potato should be done when plant reaches a height of-
- (a) 8-10 cm (b) 15-22 cm  
(c) 25-30 cm (d) 30-35 cm
78. ETL of aphid population in potato-
- (a) 20/100 leaves (b) 3/100 leaves  
(c) 10/100 leaves (d) 25/100 leaves
79. Exceptionally large potato tubers may have more chances of which disorder-
- (a) Black heart (b) Brown heart  
(c) Hollow heart (d) All of the above
80. First seedless (triploid) variety of watermelon was developed by-
- (a) Dr. Kihara (1951) (b) Bailey (1949)  
(c) Freidlander (1977) (d) Phillips Hughe (1988)
81. Fleshy edible part of knol-khol is an enlargement of which of the plant parts-
- (a) Root (b) Stem  
(c) Leaves (d) None
82. For keeping the sugar content low, potato tubers should be stored at which temperature-
- (a) 5 (b) 10  
(c) 15 (d) None
83. For one hectare what is the seed rate of chilli-



- (a) 1.5-2 kg (b) 0.75-1 kg  
(c) 2.5-3 kg (d) 0.5-1 kg
84. Freeze drying is also called-
- (a) Lyophilization (b) Icing  
(c) Pre-cooling (d) Cold sterilization
85. "Fufu" is an important product made from which crop-
- (a) Bottle gourd (b) Muskmelon  
(c) Colocasia (d) Yam
86. Fusiform roots are found in-
- (a) Carrot (b) Sugar beet  
(c) Sweet potato (d) Radish
87. Garden pea belongs to which sub-species?
- (a) *arvense* (b) *elatius*  
(c) *hortense* (d) None of the above
88. Give the publisher of "Hort-Science"?
- (a) ICAR (b) Horticulture Society of India  
(c) ASHS (d) Govt. Of India
89. Give the size of kitchen gardening which is suitable for a family of five?
- (a) 50 m<sup>2</sup> (b) 100 m<sup>2</sup>  
(c) 200 m<sup>2</sup> (d) 250 m<sup>2</sup>
90. Globe artichoke is classified as which type of plant?
- (a) C3 (b) C4  
(c) CAM (d) None
91. Globe artichoke is propagated by which of the following?
- (a) Suckers (b) Root cutting  
(c) Seeds (d) None
92. Golden nematode is a serious pest of which crop?
- (a) Tomato (b) Potato  
(c) Brinjal (d) Cabbage
93. Growing of vegetables in water is known as-
- (a) Water harvesting (b) Hydrology  
(c) Hydroponics (d) Floating garden

94. Heterostyly condition is observed in-
- (a) Tomato (b) Brinjal  
(c) Potato (d) Chilli
95. How is ivy gourd propagated?
- (a) Seed (b) Root cutting  
(c) Tuberous roots (d) Stem cutting
96. How leek is mainly propagated?
- (a) Seed (b) Bulb  
(c) Root (d) Leaf cutting
97. Pointed gourd is commercially propagated by-
- (a) Seed (b) Tuberous roots  
(c) Rhizome (d) Vine cutting
98. Radish crop is?
- (a) Self-pollinated (b) Cross-pollinated  
(c) Often-cross pollinated (d) All of the above
99. How is sweet potato classified?
- (a) Day neutral plant (b) Short day plant  
(c) Long day plant (d) None of the above
100. Seed rate of garlic-
- (a) 500-600 kg cloves/ha (b) 100-200 kg cloves/ha  
(c) 500-1000 kg cloves/ha (d) 250-500 kg cloves/ha
101. How many seeds does a beetroot fruit (capsule) contains?
- (a) 2-6 (b) 8-10  
(c) 16-20 (d) 12-14
102. How many species constitute global diversity of vegetable crops?
- (a) 200 (b) 300  
(c) 400 (d) 500
103. How many years is the viability of vegetable pea?
- (a) 3 (b) 5  
(c) 4 (d) 2
104. How much area is occupied by vegetables out of the total cultivated area in India?
- (a) 2.2% (b) 4%

- (c) 5% (d) 1%
- 105.** How much area under vegetable cultivation (mha) in India?
- (a) 9.2 (b) 7.2  
(c) 8.2 (d) 9.8
- 106.** How much is the protein percentage of potato?
- (a) 1.2 (b) 1.8  
(c) 1.6 (d) 2
- 107.** How much is the TSS of ripe muskmelon?
- (a) 10-12% (b) 17-20%  
(c) 20-25% (d) 11-17%
- 108.** How would you protect the stem end of radish root from becoming green?
- (a) By thinning (b) By staking  
(c) By earthing (d) All
- 109.** In Brinjal, only those flowers set fruits which have-
- (a) Short style (b) Long style  
(c) Pseudo-short style (d) Both b and c
- 110.** In chilli, low temperature (8-10<sup>o</sup> and 15<sup>o</sup>C) increases the fruit set and development of fruits through-
- (a) Parthenocarpy (b) Parthenogenesis  
(c) Stenospermocarpy (d) None
- 111.** In India, cabbage seed production is limited to-
- (a) Northern plains (b) Nilgiri hills  
(c) Northern hills (d) N-E region
- 112.** In India, maximum cultivation of pea is in which state-
- (a) Bihar (b) U.P.  
(c) M.P. (d) Kolkata
- 113.** In tomato, 'Gold fleck' disorder is caused by excess of-
- (a) Calcium oxalate (b) Potassium nitrate  
(c) Sodium sulphate (d) Molybdenum
- 114.** In tomato, red colour is due to-
- (a) Anthocyanin (b) Lycopene  
(c) Xanthophyll (d) None
- 115.** In tomato, locular jelly may not fill the locular cavity which may lead to which disorder-

- (a) Cracking (b) Puffiness  
(c) Catface (d) Jelly seed
116. In tomato maximum acidity is found when fruits are harvested at which stage?  
(a) Green (b) Pink  
(c) Ripe (d) Red ripe
117. In which country maximum genetic diversity occurs in brinjal ?  
(a) Iran (b) Pakistan  
(c) China (d) India
118. In which crop adventitious root is present ?  
(a) Radish (b) Potato  
(c) Sweet potato (d) Carrot
119. In which crop there is no commercial hybrid ?  
(a) Turnip (b) Cabbage  
(c) Pea (d) Brinjal
120. In which of the following crop male sterility is common ?  
(a) Bean (b) Carrot  
(c) Okra (d) None
121. In which muskmelon hybrid male sterile line MS-1 has been used ?  
(a) Pusa Sharbati (b) Punjab Sunchari  
(c) Punjab Hybrid (d) Pusa Madhuras
122. In which vegetable "Solasodine" is present ?  
(a) Brinjal (b) Tomato  
(c) Capsicum (d) Onion
123. India is a second largest producer of vegetable after ?  
(a) Brazil (b) Africa  
(c) America (d) China
124. "Indian Horticulture" is published by ?  
(a) CSIR (b) IIHR  
(c) ICAR (d) IARI
125. Indian night shade or Black night shade are synonymous of which of the following crop ?  
(a) *Solanum nigrum* (b) *S. gilo*  
(c) *S. indicum* (d) *S. macrocarpum*

126. International Institute of Horticulture (IIH) is located in ?
- (a) U.S.A. (b) Brazil  
(c) China (d) Australia
127. Jobner Green is a high yielding variety of which crop ?
- (a) Indian Spinach (b) Spinach  
(c) Amaranth (d) Garlic
128. "Kufri Badshah" is a variety of potato is a derivative of cross between whom ?
- (a) Kufri Red × Gineke (b) Kufri Jyoti × Kufri Alankar  
(c) Kufri Bahar × Kufri Kuber (d) Kufri Sindhuri × Kufri Red
129. Kalmegh is a variety of which crop ?
- (a) Colocasia (b) Cassava  
(c) Sweet potato (d) Beet root
130. Karnataka is a hybrid (1<sup>st</sup>) of which crop ?
- (a) Brinjal (b) Casicum  
(c) Cabbage (d) Tomato
131. Kashmir Beauty and Golden Heart are the varieties of which crop?
- (a) Carrot (b) Radish  
(c) Tomato (d) Beet root
132. Knowledge of which is essential in order to predict the harvest date of pea after sowing ?
- (a) Variety (b) Maturity standard  
(c) Degree days (d) None
133. Kufri Swarna variety of potato is resistant to-
- (a) Late blight (b) Early blight  
(c) Potato tuber moth (d) Cyst nematode
134. Late varieties of cauliflower produce their seeds-
- (a) Only on hills (b) Only in plains  
(c) Arid zone (d) Both a and b
135. Leaf curl virus of chilli is transmitted by ?
- (a) Aphid (b) Jassid  
(c) White fly (d) Wasp
136. Leguminous leafy vegetable is ?
- (a) Spinach (b) Palak

- (c) Amaranth (d) Fenugreek
137. Lettuce is which type of crop?  
 (a) Cross pollinated (b) Self pollinated  
 (c) Often cross pollinated (d) None
138. Linalool is a important ingredient of which crop ?  
 (a) Fennel (b) Cumin  
 (c) Coriander (d) Aniseed
139. Lycopene in tomato is highest in which temperature (°C) range ?  
 (a) 15-18 (b) 21-24  
 (c) 27-30 (d) 30-35
140. Maleness in gynococious line of cucumber is induced by which treatment ?  
 (a) Silver nitrate (b) NAA  
 (c) IAA (d) ABA
141. "Mateera" cultivar of water melon is widely grown in which state of India ?  
 (a) Uttar Pradesh (b) Gujarat  
 (c) Uttarakhand (d) Rajasthan
142. In which forcing structures, temperature can be controlled more easily ?  
 (a) Green house (b) Cold frame  
 (c) Hot bed (d) None
143. Knol Khol is also known as-  
 (a) Savoy cabbage (b) Poi  
 (c) Khol rabi (d) Wolf apple
144. In which crop, heterostyly condition is observed ?  
 (a) Tomato (b) Brinjal  
 (c) Potato (d) Chilli
145. Phytic acid is a toxic substance is present in which vegetable ?  
 (a) Leafy vegetable (b) Cucurbits  
 (c) Root vegetables (d) Pea and Beans
146. Palam Hridaya is a variety of ?  
 (a) Carrot (b) Radish  
 (c) Chilli (d) Turnip
147. New triploid variety of water melon is-

- (a) Arka Madhura (b) Arka Aishvarya  
(c) Arka Muthu (d) Arka Tarbooj
148. Edible part of Globe artichoke is ?  
(a) Tuberos root (b) Leaves  
(c) Flower bud (d) Stem
149. Which fungicide use for controlling powdery mildew disease in pea?  
(a) Captan (b) Bavistin  
(c) Indofil M-45 (d) Karathane
150. The edible part of cauliflower is known as-  
(a) Head (b) Leaf  
(c) Curd (d) Stem
151. Mention the onion variety most suitable for kharif season-  
(a) Pusa Red (b) Arka Kalyan  
(c) Arka Bindu (d) N-53
152. Mention the phenolic factor present in onion which has anti-fungal properties-  
(a) Quercetin (b) Catechol  
(c) Sinigrin (d) Allylpropyl disulphide
153. Mention the place where fresh seeds of potato could be produced?  
(a) New Delhi (b) Shimla  
(c) Darjeeling (d) Lucknow
154. Mention the pole type variety of French bean?  
(a) Kentucky Wonder (b) Giant Stringless  
(c) Contender (d) Pant Anupma
155. Mention the primary center of diversity for drumstick?  
(a) Chinese-Japanese (b) Hindustani Center  
(c) Indo-Chinese (d) Mediterranean region
156. Mention the region which is the primary centre of origin of watermelon?  
(a) India (b) Africa  
(c) Iran (d) None of the above
157. The root crops in which application of potassic fertilizers is essential-  
(a) Radish (b) Turnip  
(c) Carrot (d) None of the above

158. The technique employed for developing Pusa Parvati, a variety of French Bean?
- (a) Clonal selection (b) Mass selection  
(c) Mutation breeding (d) None
159. The temperature at which garden beet goes to premature seedling?
- (a) Above 25<sup>0</sup>C (b) Above 10<sup>0</sup>C  
(c) Below 25<sup>0</sup>C (d) Below 10<sup>0</sup>C
160. The temperature limit at which tuberisation in potato is drastically reduced?
- (a) >30<sup>0</sup>C (b) >20<sup>0</sup>C  
(c) <40<sup>0</sup>C (d) >15<sup>0</sup>C
161. The tomato variety which sets fruits at low temperature?
- (a) Pusa Ruby (b) Pant Bahar  
(c) Hissar Arun (d) Pusa Sheetal
162. The variety of Brussels Sprout which is dwarf one?
- (a) Long Island (b) Catskill  
(c) Amager Market (d) Danish Prize
163. The vegetable group to which potherbs referred to?
- (a) Greens (b) Salad crop  
(c) Legume (d) Cole crops
164. The vegetable in which all parts of plant can be used as edible part?
- (a) Lima bean (b) Winged bean  
(c) Radish (d) Broad bean
165. The vegetable which is the richest source of Iodine?
- (a) Tapioca (b) Tomato  
(c) Okra (d) Spinach beet
166. The vegetable suitable for greenhouse cultivation?
- (a) Sweet pepper (b) Tomato  
(c) Cucumber (d) All
167. "Pant Bahar" variety of tomato is resistant to?
- (a) Verticillium wilt (b) Fusarium wilt  
(c) Both a & c (d) None of the above
168. Tomato varieties which are suitable for processing?
- (a) Roma (b) Punjab Chuhara



- (c) Vaishali (d) All of the these
169. Which carrot variety is introduced from Germany and is suitable for Nilgiri hills?
- (a) Zeno (b) Emperor  
(c) Danvers (d) Chanteney
170. Which cucurbits have the lowest chromosome numbers?
- (a) Cucumber (b) Muskmelon  
(c) Watermelon (d) Longmelon
171. Which cucurbits is less affected by powdery mildew?
- (a) *Luffa* (b) *Cucumis*  
(c) *Lagenaria* (d) *Momordica*
172. Which is a multivitamin green vegetable?
- (a) Amaranthus (b) Spinach  
(c) Chekurmanis (d) Asparagus
173. Which is commercial source of Levulose?
- (a) Queensland arrowroot (b) Jerusalem Artichoke  
(c) West Indian Arrowroot (d) Colocasia
174. Which one is the non-climacteric vegetable?
- (a) Cucumber (b) Tomato  
(c) Muskmelon (d) Watermelon
175. Which one is the single-seeded cucurbit?
- (a) Cucumber (b) Chow-chow  
(c) Bitter gourd (d) Ivy gourd
176. Which one is the 20<sup>th</sup> century vegetable?
- (a) Cluster bean (b) Amaranthus  
(c) Brinjal (d) Winged bean
177. Mention which is the richest source of Vitamin A?
- (a) Turnip leaves (b) Carrot  
(c) Pumpkin yellow (d) Drumstick leaves
178. Which mechanism exists in cole crops?
- (a) Heterostyly (b) Protoandry  
(c) Protogyny (d) None of the above
179. Which of the following is monocot vegetable?

- (a) Asparagus (b) White Yam  
(c) Garlic (d) All
180. Which of the following is used as maintainer line in onion breeding?  
(a) Line A (b) Line R  
(c) Line B (d) Line C
181. Which of the following edible podded variety of pea ?  
(a) Early Badger (b) Khapar Kheda  
(c) Arkel (d) Sylvia
182. Which one of the following crop is rich in Iron ?  
(a) Biter gourd (b) muskmelon  
(c) Water melon (d) Pumpkin
183. Which type of tomato is referred as "self topping" ?  
(a) Indeterminate (b) Semi indeterminate  
(c) Determinate (d) Semi determinate
184. Metaxinia is observed in which vegetable ?  
(a) Root crop (b) Cucurbits  
(c) Bulb crop (d) All
185. Most of the onion varieties grown in India are ?  
(a) Long day (b) Day neutral  
(c) Short day (d) Both b & c
186. Most serious disease of vegetable seedlings ?  
(a) Root rot (b) Wilting  
(c) Damping off (d) Stunting
187. Name of the acid of which green leafy vegetables are rich source ?  
(a) Citric acid (b) Organic acid  
(c) Mallic acid (d) Folic acid
188. Turnip yellow mosaic virus is transmitted by ?  
(a) flea beetle (b) Aphid  
(c) White fly (d) Hopper
189. Name of the alkaloid obtain from yam which is used for preparing contraceptive drugs in family planning ?  
(a) Glycosinolates (b) Galactomanin  
(c) Diosgenin (d) None

190. Name of the crop from which sago is derived ?
- (a) Sweet potato (b) Yam  
(c) Rhubarb (d) Cassava
191. Maetsubre is a disorder of colocacia due to the deficiency ?
- (a) Mo (b) Ca  
(c) Mn (d) Mg
192. Arka Kirtiman is a hybrid of which crop ?
- (a) Garlic (b) Cabbage  
(c) Tomato (d) Onion
193. Name of the crop of which Horse radish tree is common name ?
- (a) Bread fruit (b) Asparagus  
(c) Drumstick (d) Rhubarb
194. Palam Samridhi is a variety of ?
- (a) Broccoli (b) Brussels sprout  
(c) Summer squash (d) Okra
195. Sree Kirthi is a variety of ?
- (a) White yam (b) Greater yam  
(c) Lesser yam (d) Coleus
196. Balsam pear is another name of which crop ?
- (a) Cucumber (b) Jerusalem artichoke  
(c) Bottle gourd (d) Bitter gourd
197. Which vegetable is beneficial to diabetic patients ?
- (a) Broccoli (b) Bitter gourd  
(c) Tomato (d) Snake gourd
198. Poinsette is a variety of cucumber is resistant to ?
- (a) Powdery mildew (b) Anthracnose  
(c) Angular leaf spot (d) All
199. Which growth regulator use for hardening of tomato seedlings ?
- (a) NAA (b) GA<sub>3</sub>  
(c) CCC (d) MH
200. Chayote is propagated by ?
- (a) Seeds (b) Root Cutting

- (c) Vine cutting (d) Entire fruit
201. Name of the pigment present in the watermelon?
- (a) Carotene (b) Anthocyanin  
(c) Lycopene (d) Both b & c
202. Name the pigment responsible for the red colour in chilli fruits at ripening stage?
- (a) Capsaicin (b) Capsanthin  
(c) Mimosine (d) Solasodine
203. Name the plant regulator which improves fruit set in tomato?
- (a) GA<sub>3</sub> (b) 2,4-D  
(c) MH (d) Ethephon
204. Name the shallow rooted crop?
- (a) Asparagus (b) Artichoke  
(c) Onion (d) Sweet potato
205. Name the staple vegetable which is required for our diet?
- (a) Potato (b) Tapioca  
(c) Tomato (d) Sweet potato
206. *Lycopersicon pennellii* species of tomato is tolerant to?
- (a) Salt (b) Drought  
(c) TLCV (d) Bacterial wilt
207. Name the type of flowers palak produces?
- (a) Unisexual (b) Heterostyle  
(c) Hermaphrodite (d) Gynomonoecious
208. Swarna Rekha is the variety of which vegetable crop?
- (a) Bitter gourd (b) Bottle gourd  
(c) Pointed gourd (d) Summer squash
209. Name of the vegetable which has "Rutin" (Vitamin P)-
- (a) Chilli (b) Tomato  
(c) Brinjal (d) Potato
210. Name which of the following is winter crop?
- (a) French bean (b) Cluster bean  
(c) Broad bean (d) Lima bean
211. "Nantes" is the variety of-

- (a) Radish (b) Carrot  
(c) Onion (d) Turnip
212. "Zoning" is the physiological disorder in-  
(a) Beet root (b) Onion  
(c) Radish (d) Carrot
213. Highest N<sub>2</sub> fixation is found in which leguminous crop-  
(a) French bean (b) Cluster bean  
(c) Broad bean (d) Lima bean
214. National Horticulture Board was established in-  
(a) 1972 (b) 1968  
(c) 1984 (d) 1986
215. Non-lobing leaf character is used as a single recessive marker gene for hybrid seed production in which crop-  
(a) Muskmelon (b) Watermelon  
(c) Pumpkin (d) Cucumber
216. Yellow Vein Mosaic Virus is a serious disease in Okra and is transmitted by-  
(a) Aphids (b) Thrips  
(c) Mites (d) White fly
217. Okra has somatic chromosome number (2n)-  
(a) 70 (b) 130  
(c) 126 (d) 112
218. Onion is the richest source of which element-  
(a) Vanadium (b) Calcium  
(c) Sodium (d) Magnesium
219. Oxalates are present more in-  
(a) Leafy vegetables (b) Root vegetables  
(c) Bulb crops (d) Tuber crops
220. PGR used for root formation-  
(a) NAA (b) ABA  
(c) IBA (d) MH
221. Pant C-1 variety of chilli is resistant to-  
(a) Damping-off (b) Fruit rot  
(c) Leaf Curl Virus (d) Fusarium wilt

222. Pant Gobhi-3, a cauliflower variety has been developed through-
- (a) Selection (b) Inbreeding  
(c) Introduction (d) Synthetic
223. Peas are pre-dominantly a-
- (a) Cross pollinated (b) Often cross pollinated  
(c) Self pollinated (d) Often self pollinated
224. "Poinsette" is the most popular variety of cucumber introduced from-
- (a) Australia (b) China  
(c) Germany (d) USA
225. Pointed gourd is most favourite vegetable in which part of India-
- (a) Maharashtra (b) Assam  
(c) U.P. & Bihar (d) Gujarat
226. Powdery mildew is a serious problem in-
- (a) Pointed gourd (b) Pumpkin  
(c) Cucumber (d) Ridge gourd
227. "Pride of India" is a variety of-
- (a) Cabbage (b) Cauliflower  
(c) Knolkhol (d) Tomato
228. "Pusa Mukta" is a variety of cabbage which is resistant to-
- (a) Virus (b) Black leg  
(c) Black rot (d) Bolting
229. Edible part of Rhubarb is-
- (a) Tender stem (b) Roots  
(c) Tuber (d) Thick leafstalk
230. Rosette spotting is a disorder of-
- (a) Lettuce (b) Spinach  
(c) Palak (d) Rhubarb
231. Scooping is a practice that facilitates bolting in which crop-
- (a) Cabbage (b) Cauliflower  
(c) Brussels Sprout (d) Broccoli
232. Seed of spinach germinates readily at which temperature-
- (a) 8.4°C (b) 6.4°C

- (c) 5.4°C (d) 4.4°C
233. Spinach is rich in which vitamin-
- (a) A (b) B  
(c) C (d) D
234. Sree Pallavi and Shree Rashmi are improved varieties of-
- (a) Cassava (b) Radish  
(c) Colocasia (d) Yam
235. "Koorka" is a synonym of which vegetable-
- (a) Rhubarb (b) Coleous  
(c) Spine gourd (d) Kakrol
236. Suitable seed rate of Okra for summer sowing-
- (a) 18-22 kg/ha (b) 10-12 kg/ha  
(c) 30-35 kg/ha (d) 40 kg/ha
237. Tangarin flesh colour in tomato is due to-
- (a) Lycopene (b) Carotene  
(c) Prolycopene (d) Anthocyanin
238. Sweet potato is primarily a crop of which region-
- (a) Tropical (b) Temperate  
(c) Arid (d) Sub-tropical
239. Bulb formation in onion is governed by-
- (a) Photoperiod (b) Temperature  
(c) Light quality (d) All
240. Pomato is an example of-
- (a) Distant hybridization (b) Somaclonal variation  
(c) Grafting (d) Disease transfer
241. Indian Institute of Vegetable Research is located at-
- (a) Ranchi (b) Delhi  
(c) Lucknow (d) Varanasi
242. Thermodormancy is found in-
- (a) Pea (b) Cabbage  
(c) Lettuce (d) Leek
243. The yellow colour in onion is due to-

- (a) Anthocyanin (b) Lycopene  
(c) Carotene (d) Quercetin
244. To which crop does the sprout of Brussels resemble-
- (a) Miniature cabbage (b) Flower bud of Broccoli  
(c) Curd of cauliflower (d) Mini-knob
245. Tomato variety Pusa-120 is resistant to-
- (a) Bacterial wilt (b) Mould  
(c) Leaf blight (d) Nematode
246. "Hakuran" is a-
- (a) Leafy vegetable (b) Root vegetable  
(c) Fodder crop (d) None
247. Vegetables are rich source of which constituents-
- (a) Carbohydrates (b) Proteins  
(c) Vitamins (d) Fats
248. Harbhajan variety of Okra is also known as-
- (a) Perkin's Long Green (b) Arka Abhay  
(c) Arka Anamika (d) Pusa A-4
249. Indian Bean also known as-
- (a) French bean (b) Cluster bean  
(c) Hyacinth bean (d) Broad bean
250. Leaf fern is the disorder of potato due to the deficiency of-
- (a) Nitrogen (b) Zinc  
(c) Potassium (d) Molybdenum
251. Which variety of parval use for making sweets ?
- (a) Swarna Rekha (b) Rajendra Parval  
(c) Damodar (d) Swarna Alaukik
252. Chemical injury due to ammonia is a storage problem of ?
- (a) Garlic (b) Tomato  
(c) Onion (d) Chilli
253. Maximum protein content in which cole crop ?
- (a) Cabbage (b) Cauliflower  
(c) Knol Khol (d) Brussels sprout



254. Pillow is a disorder of cucumber is due to the deficiency of ?
- (a) Ca (b) B  
(c) Mn (d) Mg
255. Which leguminous vegetable is a substitute of soybean ?
- (a) Butter bean (b) Winged bean  
(c) Cowpea (d) Pea
256. Which cucurbit is a substitute of cucumber ?
- (a) Pickling Cucumber (b) Muskmelon  
(c) Snake melon (d) Snake Gourd
257. Cracking is a related to which cole crop ?
- (a) Cabbage (b) Cauliflower  
(c) Kale (d) Broccoli
258. First extra early variety of cucumber is ?
- (a) Pusa Sanyog (b) Pusa Uday  
(c) Pusa Barkha (d) Poinsette
259. Which is the variety of Bunching onion ?
- (a) Pusa Pratibha (b) Pusa Soumya  
(c) BO-1 (d) All
260. First public sector hybrid of carrot with orange colour root is ?
- (a) Pusa Rudeera (b) Pusa Keshar  
(c) Pusa Meghali (d) Pusa Nayanjyoti
261. First high heat tolerant variety of carrot is ?
- (a) Pusa Vrishti (b) Pusa Agethi  
(c) Pusa Nayanjyoti (d) Pusa Keshar
262. Extra early variety of cauliflower is ?
- (a) Pusa Synthetic (b) Pusa Meghna  
(c) Pusa Early Synthetic (d) Pant Gobhi-3
263. Dual purpose variety of broad bean is ?
- (a) Pusa Sumeet (b) Pant Bean -2  
(c) Pusa Udit (d) All
264. Winged bean is also known as ?
- (a) Princess pea (b) Asparagus pea

(c) Goa bean

(d) All

265. Pie plant is another name of which vegetable crop ?

(a) Palak

(b) Spinach

(c) Rhubarb

(d) Amaranth