

1. Who classified *Cucumis* into two sub genera?
  - a. **Jeffrey**
  - b. Null
  - c. Singh
  - d. None
2. Type of parthenocarpy in watermelon:
  - a. **Stimulative**
  - b. Vegetative
  - c. Stenospermocarpy
  - d. None
3. Fusarium wilt resistance in watermelon developed by:
  - a. Singh
  - b. **W A Orton**
  - b. Jeffrey
  - d. None
4. Which one of the following is the progenitor of Chinese Kale?
  - a. ***B. cretica* subsp. *nivea***
  - b. *B. sylvestris*
  - c. *B. cretica*
  - d. None
5. Chemically mutant sterile line of cowpea:
  - a. **Steppe 287**
  - b. Steppe 254
  - c. Both
  - d. None
6. Frost resistant bean:
  - a. Velvet bean
  - b. Cluster bean
  - c. **Broad bean**
  - d. All
7. In which root crop, root nodules are absent:
  - a. Indian bean
  - b. French bean
  - c. **French bean**
  - d. Cluster bean
8. Dicholinus bearing vegetable:
  - a. Chayote
  - b. Pointed gourd
  - c. **Breadfruit**
  - d. None
9. Most ancient type of bean:
  - a. **Indian bean**
  - b. French bean
  - c. French bean
  - d. Cluster bean
10. Most abundant fat soluble antioxidant:
  - a. Vit A
  - b. Vit C
  - c. **Vit K**
  - d. None

11. Frost resistant variety of potato:  
a. Kufri Sheetman  
c. Kufri Deva  
b. Kufri Jyoti  
d. All
12. Late blight resistant variety of potato:  
a. Kufri Sheetman  
c. Kufri Deva  
b. Kufri Jyoti  
d. All
13. Cyst nematode resistant variety of potato:  
a. Kufri Sheetman  
c. Kufri Deva  
b. Kufri Jyoti  
d. All
14. Aroma of tomato green leaf is due to:  
a. Isovaleraldehyde  
c. Butyl alcohol  
b. Hexyl alcohol  
d. Both A and B
15. Tomato seed germination is inhibited by:  
a. Ferulic acid  
c. Both  
b. Caffeic acid  
d. None
16. Cucurbit most sensitive to frost:  
a. Pointed gourd  
d. Pumpkin  
b. Melons  
d. All
17. Cucurbit most tolerant to frost:  
a. Pointed gourd  
d. Pumpkin  
b. Melons  
d. All
18. Turning of vine practices is done in :  
a. Cassava  
c. Sweet Potato  
b. Yam  
d. All
19. Which turnip variety sets seed in plains?  
a. Pusa Kanchan  
c. Both A and B  
b. Pusa sweti  
d. Snowball
20. Lettuce seeds germinate in:  
a. 4-5 days  
c. 8-9 days  
b. 6-7 days  
d. None
21. Root knot nematodes are:  
a. Endoparasite  
c. Semi-ectoparasite  
b. Ectoparasite  
d. Both A and B
22. Seed act enacted during:  
a. 1966  
c. 1972  
b. 1963  
d. None
23. The headquarter of ISTA (International Seed Testing Association) located at  
a. Basserdorf  
c. California  
b. Florida  
d. None

24. Convention of biodiversity treaty was drafted during
- 1998
  - 1992**
  - 1995
  - 2000
25. Biodiversity Act was enacted:
- 1998
  - 1992
  - 1995
  - 2002**
26. National Biodiversity authority located at:
- Chennai**
  - Kolkata
  - Delhi
  - None
27. National Remote Sensing agency is located at:
- Hyderabad**
  - Kolkata
  - Delhi
  - Pune
28. Chairman of Planning Commission is :
- Prime Minister**
  - President
  - Home Minister
  - None
29. The queen of genetics studies is :
- E. coli
  - Drosophila**
  - Mould
  - None
30. ICARDA is located at :
- Syria
  - Taiwan
  - Israel
  - None
31. Green chillies are rich in:
- Vitamin A
  - Vitamin C**
  - Vitamin D
  - None
32. Water use efficiency is high in:
- CAM**
  - C<sub>3</sub> plants
  - C<sub>4</sub> plants
  - None
33. Windbreaks will be effective \_\_\_\_\_ times to that of crop height.
- 4
  - 5
  - 6
  - 2
34. Sago is prepared from which crop?
- Sweetpotato
  - Yam
  - Cassava**
  - All
35. At which stage muskmelon is harvested for long distance market?
- Half slip**
  - ¾ th
  - ¼ th
  - Full slip
36. The flowers of bottle gourd are \_\_\_\_\_ colour.
- Pale yellow
  - Pale green
  - White**
  - All

63. Scooping is an important intercultural operation:  
 a. Carrot  
 b. Tomato  
 c. **Cauliflower**  
 d. All
64. Hexagonal system of planting accommodates \_\_\_\_\_ more plants compared to square:  
 a. 15%  
 b. 25%  
 c. 30%  
 d. 20%
65. *rin* gene is present in which chromosome of tomato?  
 a. 5  
 b. 3  
 c. 4  
 d. 7
66. Which of the following variety is indeterminate type of tomato?  
 a. Co3  
 b. Sweet 72  
 c. **Hisar Lalit**  
 d. All of these
67. Tomato variety tolerant to salt:  
 a. Arka Vikas  
 b. Hisar Arun  
 c. **Sabour Suphala**  
 d. All
68. Reliance is a cv. of which crop?  
 a. Cabbage  
 b. **Cauliflower**  
 c. Tomato  
 d. Brinjal
69. Red Cabbage cv. is:  
 a. Yanchun  
 b. **Vorox**  
 c. Karino  
 d. All
70. Variety of cabbage resistance to bolting:  
 a. Yanchun  
 b. Vorox  
 c. **Karino**  
 d. All
71. Which cv. of cauliflower is tolerant to black rot?  
 a. **Pusa Snowball K-1**  
 b. Kunwari  
 c. Katki  
 d. All
72. Size of the tubers of Knol khol preferred in market (cm):  
 a. 6-9  
 b. **5-8**  
 c. 4-6  
 d. 10-12
73. From which word '*brocco*' is derived?  
 a. Latin  
 b. **Italian**  
 c. German  
 d. None
74. The CGMS hybrid seeds are harvested from:  
 a. A  
 b. B  
 c. R  
 d. All
75. Directorate of plant protection is located at:  
 a. **Faridabad**  
 b. Gurugram  
 c. Pune  
 d. All

76. Yellowing of broccoli is mediated by:
- Ethylene**
  - Ca deficiency
  - B deficiency
  - Excess CO<sub>2</sub>
77. Sulphoraphane is present in:
- Broccoli**
  - Kale
  - Cauliflower
  - All
78. 'Kanji' is prepared from which crop ?
- Carrot**
  - Broccoli
  - Cabbage
  - None
79. Carrot yellow disease is transmitted by:
- Aphid
  - Six spotted leaf hopper**
  - Jassids
  - None
80. Which variety of carrot has abrupt blunt tip?
- Chatenay**
  - Pusa Kesar
  - Imperator
  - All
81. Baramasi is a variety of which crop?
- Carrot
  - Radish**
  - Turnip
  - Beetroot
82. The edible portion of radish develops from:
- Hypocotyl**
  - Stem
  - Terminal shoot
  - All
83. Type of root in beetroot:
- Fusiform
  - Napiform**
  - Conical
  - All
84. Curly top of Beetroot is transmitted by:
- Leafy hopper**
  - Jassid
  - Aphid
  - None
85. Beetroot cultivar resistant to bolting:
- Avon Early**
  - Crimson Globe
  - Flat Egyptian
  - All of these
86. Turnip cv. developed by mutation breeding:
- Pusa Sweti**
  - Pusa Kanchan
  - Pusa Swarnima
  - All
87. Most of the HCN of Cassava is confined to:
- Leaves
  - Phelloderm**
  - Stem
  - All
88. Which crop is intermediate between C<sub>3</sub> and C<sub>4</sub> pathway?
- Sweet potato
  - Cassava**
  - Yam
  - All

89. Most preferred variety of cassava for sago production:  
 a. H 226  
 b. H 165  
 c. H 7  
 d. All
90. Daylength of Sweetpotato is ideal for flowering (hours):  
 a. 12  
 b. 11  
 c. 8  
 d. 9
91. Sweetpotato is having \_\_\_\_\_% starch.  
 a. 12  
 b. 16  
 c. 21  
 d. 10
92. Which country has highest productivity of sweet potato?  
 a. China  
 b. India  
 c. **Japan**  
 d. None
93. *Manihot* genus is having how many species?  
 a. 80  
 b. **98**  
 c. 186  
 d. 132
94. Linamerase enzyme is produced in which crop?  
 a. Sweet potato  
 b. **Cassava**  
 c. Yam  
 d. All
95. Which country ranks first in terms of productivity of cassava?  
 a. China  
 b. **India**  
 c. Japan  
 d. None
96. Bhu Sona is a variety of which crop?  
 a. **Sweet potato**  
 b. Cassava  
 c. Yam  
 d. Potato
97. Which country has approved for the cultivation of *Bt*-brinjal?  
 a. India  
 b. **Bangladesh**  
 c. USA  
 d. Africa
98. Extra early variety' of pea:  
 a. **Harbhajan**  
 b. Arkel  
 c. Aparna  
 c. All
99. What is the optimum temperature for seed germination in pea (°C)?  
 a. 15  
 b. **22**  
 c. 18  
 d. 12
100. Which cv. of pea has low branching capacity?  
 a. **Alaska**  
 b. Arkel  
 c. Aparna  
 c. All