

Multiple Choice Questions

1.	Protandry is found in			
	a) Pineapple	b) Banana	c) Custard Apple	d) Jackfruit
2.	Which is polygamous plant			
	a) Mango	b) Banana	c) Pineapple	d) Papaya
3.	Non-climacteric fruit is			
	a) Apple	b) Jackfruit	c) Pineapple	d) Banana
4.	Best plant propagule for pineapple in terms of early maturity			
	a) Slip	b) Sucker	c) Crown	d) Butts
5.	Training system commercially adopted for fruit crops			
	a) Open centre	b) Central Leader	c) Modified Leader	d) Espalier
6.	MM series of rootstock of apple is resistant to			
	a) Collar rot	b) Viruses	c) Butt knot	d) Woolly aphid
7.	Which one of the following are class-I preservative			
	a) Sugar	b) Salt	c) KMS	d) Both a & b
8.	0.1 g PGR dissolved in 10 litres of water will form ppm solution			
	a) 10	b) 100	c) 1000	d) 1
9.	Peach bears prominently on			
	a) Last season's growth	b) Current seasons growth	c) Old growth	d) Spur
10.	Cryopreservation of pollen grains is done at °C			
	a) -196	b) -96	c) -52	d) -180
11.	Pungency in onion is due to			
	a) Diallyl di Sulphide	b) Allyl propyl-di sulphide	c) Isothiosinade	d) Quercetin
12.	Yellow 'V' shaped spots along the margins that forwards towards midrib is characteristic symptom of			
	a) Black rot	b) Bacterial blight	c) Downey mildew	d) Powdery mildew
13.	In Tomato optimum temperature for colour development of fruits is °C			
	a) 21-24	b) 23-26	c) 18-21	d) 25-28
14.	Which of the following is heterozygous and heterogeneous			
	a) Pure line	b) Mass selected variety/Multiline	c) F1 or progeny of clone	d) Synthetics and Composites
15.	Tip burn of lettuce occurs due to deficiency			
	a) Ca	b) Mg	c) Fe	d) Zn
16.	Term over dominance was coined by			
	a) Shull	b) Davenport	c) Hull	d) East
17.	In cucurbits, application of GA or AGNO ₃ induces			
	a) Male flower production on Gynoecious lines	b) Hermaphrodite flower production	c) Female flower production on male lines	d) Production of Gynoecious lines
18.	Which of the following crop is tolerant to Soil Acidity?			
	a) Chicory	b) Potato	c) Watermelon	d) All of the above
19.	The mechanism of paraheliotrophism is observed in which crop?			
	a) Chicory	b) Cowpea	c) Cabbage	d) Cauliflower
20.	Pusa Vashudh is the variety of which crop			

	a) Radish	b) Cabbage	c) Carrot	d) Cauliflower
21.	Vitamin B6 is also called as			
	a) Thiamine	b) Riboflavin	c) Pyridoxine	d) Ascorbic acid
22.	Treatment of cut flowers after harvesting with			
	a) Pulsing	b) Brining	c) Blanching	d) Vernalization
23.	Origin of Chrysanthemum is			
	a) China	b) South africa	c) Mexico	d) Mediterranean region
24.	Which of the following is the triploid rose cultivar?			
	a) Banjaran	b) Abhisarika	c) Mohini	d) Madhosh
25.	Common propagation material of gladiolus is			
	a) Corms	b) Bulbs	c) Suckers	d) Tubers
26.	BARADARI is an important feature of which style of gardening?			
	a) French	b) Mughal	c) English	d) Chinese
27.	Which of the following is not a type of Japanese garden?			
	a) Hill garden	b) Sand garden	c) Tea garden	d) Bog garden
28.	Zero Energy Cool Chamber (ZECC) works on the principle of			
	a) Evaporative condensation	b) Evaporative cooling	c) Hydro cooling	d) Forced air cooling
29.	The art of giving various shapes to trees is known as			
	a) Architecture	b) Topiary	c) Cutting	d) Wrenching
30.	Which of the following species of Jasmine is known as Spanish Jasmine			
	a) <i>Jasminum sambac</i>	b) <i>J grandiflorum</i>	c) <i>J auriculatum</i>	d) <i>J humile</i>
31.	Inflorescence of Cardamom is known as			
	a) Spike	b) Umbel	c) Catkin	d) Panicle
32.	DMAPR is located at			
	a) Junagardh	b) Bikaner	c) Anand	d) Jodhpur
33.	Indian ginseng is the common name of			
	a) <i>Azadirachta indica</i>	b) <i>Rauwolfia serpentine</i>	c) <i>Hemidesmus indicus</i>	d) <i>Withania somnifera</i>
34.	Farnesol is obtained from			
	a) Celery	b) Chammoni	c) Davana	d) Ambrette seeds
35.	Term lanching is associated with			
	a) Guggal	b) Opium poppy	c) Liquorice	d) Rubber
36.	The economic and aromatic part of sweet flag is			
	a) Bulb	b) Corm	c) Rhizome	d) Tuber
37.	Medicinal plants are rich source of			
	a) Amino acids	b) Vitamins	c) Enzymes	d) Secondary metabolites
38.	The crop that was introduced in India primarily to overcome soil erosion was			
	a) Tea	b) Coffee	c) Coconut	d) Cashewnut
39.	Term 'Skiffing' is associated with			
	a) Tea	b) Coffee	c) Coconut	d) Cardamom
40.	Formation of more than one ovule per locule in coffee is called as			
	a) Fish bean	b) Bird bean	c) Elephant bean	d) Monkey bean
41.	Planting distance of guava is			
	a) 10 m	b) 6 m	c) 3 m	d) None
42.	Vegetative part of the plant separated from mother plant and become a new plant is called			
	a) Grafting	b) Inarching	c) Cutting	d) Layering
43.	For jelly production what is required in fruit			
	a) Pectin	b) Protein	c) Sourness	d) Sweetness
44.	Pungency in Radish is due to			
	a) Solanin	b) Capcisin	c) Isothiocinate	d) Calcium acetate

45.	King of fruit is			
	a) Gauva	b) Mango	c) Apple	d) Banana
46.	Purple blotch in onion is caused due to			
	a) <i>Stemphyllium vesicarium</i>	b) <i>Fusarium oxysporum</i>	c) <i>Pernospora destructor</i>	d) <i>Alternaria porri</i>
47.	Fruit type of pea is			
	a) Berry	b) Pod	c) Pome	d) Lomentum
48.	<i>Plutella xylostella</i> is the pest of			
	a) Tomato	b) Brinjal	c) Cabbage	d) Chilli
49.	Bitter principle in bitter gourd is			
	a) Cucurbitacin	b) Momordicin	c) Solanine	d) Calcium oxalate
50.	For seed production, dehauling is done in			
	a) Sweet potato	b) Casava	c) Tomato	d) Potato
51.	Seed rate of onion is			
	a) 2-4 kg/ha	b) 5-8 kg/ha	c) 8-10 kg/ha	d) 11-13 kg/ha
52.	Entire fruit is used for propagation in			
	a) Coleus	b) Chow-chow	c) Tannia	d) Garlic
53.	Greening in potato occurs due to			
	a) Chlorophyll	b) Solanin	c) Blue Green Algae	d) None of these
54.	Placentation in pea is			
	a) Parietal	b) Marginal	c) Axillary	d) Basal
55.	Which of the following is a capsicum hybrid			
	a) Bharat	b) Megha	c) California wonder	d) Arka Mohini
56.	Edible portion of cauliflower is			
	a) Thalamus	b) Hypocotyl	c) Leaves	d) Curd
57.	2n-2 is referred as			
	a) Trisomic	b) Monosomic	c) Double monosomic	d) Nullisomic
58.	Inbreeding depression is high in			
	a) Onion & Carrot	b) Tomato & Chilli	c) Kale & Cucumber	d) Spinach & Leek
59.	Chromosome number of Fig & Jackfruit is			
	a) $2n=56$	b) $2n=50$	c) $2n=48$	d) $2n=58$
60.	Headquarter of National Horticultural Board (NHB) is located at			
	a) Bangalore	b) New Delhi	c) Gurgaon	d) Noida
61.	Which fruit crop requires specific heat units for ripening			
	a) Grape	b) Mango	c) Banana	d) Apple
62.	Tatura trellies system is a one of the system of			
	a) Training	b) Pruning	c) HDP	d) Harvesting
63.	<i>Artocarpous altilis</i> is a botanical name of			
	a) Bread fruit	b) Jack fruit	c) Stone fruit	d) Passion fruit
64.	Kaveri is the hybrid variety of			
	a) Tamarind	b) Phalsa	c) Passion fruit	d) Mangosteen
65.	Colt and Paja are related with			
	a) Cherry	b) Apple	c) Peach	d) Almond
66.	Which of the following forms a single stemmed tree			
	a) Cordon forms	b) Palmette forms	c) Dwarf pyramid	d) Spindle bush
67.	Virus resistant rootstock series of apple is			
	a) MM	b) EMLA	c) M	d) None
68.	The most common rootstock for rose budding in North India is			
	a) <i>Rosa multiflora</i>	b) <i>Rosa indiana</i> var odorata	c) <i>Rosa chinensis</i>	d) <i>Rosa foetida</i>
69.	The art of growing carefully trained dwarf plants in containers is called			
	a) Container gardening	b) Bonsai	c) Topiary	d) Hydroponics

70.	'Beautiful Gardens' written by			
	a) J.S.Aroia	b) M.S.Kanunawa	c) Vishnu Swarup	d) G.S.Randhawa
71.	Xeriscaping is			
	a) Landscaping in arid areas	b) Use of Xerophytic plants for indoor decoration	c) Soil conservation measures	d) Type of social forestry
72.	Pinching in carnation is done at _____ pairs of leaves			
	a) 4-5	b) 6-8	c) 8-10	d) 10-12
73.	Which desiccant/s used for drying of ornamentals			
	a) Silica gel	b) Borax	c) Boric acid	d) All of these
74.	Vinblastine and vincristine are obtained from			
	a) Belladone	b) Senna	c) Periwinkle	d) Ashwagandha
75.	Lawn species which is tolerant to shade is			
	a) Bermuda grass	b) Zoysia spp.	c) St. Augustine	d) Typha grass
76.	Dieffenbachia is a			
	a) Flowering annual	b) Avenue tree	c) Foliage plant	d) Cacti
77.	Salt % in pickles should be			
	a) 10	b) 20	c) 30	d) 40
78.	Sweet potato contains _____ % starch			
	a) 16	b) 14	c) 12	d) 10
79.	Minimum juice content in fruit squashes is			
	a) 10%	b) 15%	c) 20%	d) 25%
80.	Which fruits are selected for jelly making?			
	a) Ripe	b) Unripe	c) Firm ripe	d) Over ripe
81.	A refrigerant commonly used in Indian cold storage is			
	a) Ammonia	b) Ethylene	c) Sodium Benzoate	d) Liquid nitrogen
82.	Ferns are commercially propagated through			
	a) Seed	b) Suckers	c) Spores	d) Off-shoots
83.	Which of the following is a spice crop?			
	a) Spinach	b) Fenugreek	c) Celery	d) Amaranth
84.	For processing tomato fruit should be harvested at			
	a) Green	b) Pink	c) Ripe	d) Full ripe stage
85.	The chemical mostly used for prolonging vase life of cut flowers is			
	a) MH	b) ABA	c) Sucrose	d) Silver nitrate
86.	The copra prepared by storing nuts for 10-12 months is known as			
	a) Cup copra	b) Ball copra	c) Milling copra	d) Round copra
87.	Which of the following is dominant element in gardening			
	a) Axis	b) Rhythm	c) Balance	d) Vista
88.	Botanically, Tea is a			
	a) Self pollinated crop	b) Cross pollinated crop	c) Often-cross pollinated crop	d) Asexually propagated crop
89.	Which growth regulator is known as stress hormone			
	a) MH	b) ABA	c) Ethylene	d) Cycoccal
90.	Edible part of Banana is			
	a) Mesocarp	b) Endocarp	c) Paricarp	d) Both a & b
91.	Carambola is native of			
	a) Japan	b) Malaysia	c) Thailand	d) China
92.	Popular sweet drink obtains from the Sugary Palm is			
	a) Toddy	b) Fenny	c) Neera	d) Perry
93.	Which bean is used to extract gum?			
	a) Broad Bean	b) Cluster Bean	c) Lima Bean	d) None

94.	All Green is important cultivar of			
	a) Lettuce	b) Amaranths	c) Spinach	d) Palak
95.	Oil of Indian basil has which chemical Substance?			
	a) Citrol	b) Farnesol	c) Methyl Chavicol	d) Limonine
96.	No. one cut flower in the world is			
	a) Rose	b) Carnation	c) Tulip	d) Gladiulus
97.	Toxins substance present in Celery is			
	a) Saponin	b) Apiin	c) Serotonin	d) Oxalic Acid
98.	Which is used mostly in pickle purpose?			
	a) Cucumber	b) F ₁ Hybrid Cucumber	c) Gherkin	d) None
99.	Melon tree is common name of which fruit?			
	a) Plum	b) Peach	c) Loquat	d) Papaya
100.	Inflorescence of Fig is			
	a) Spadix	b) Panicle	c) Hypanthodium	d) Cymose
101.	Specific gravity of fruits is measured by			
	a) Podometer	b) Pycnometer	c) Tendrometer	d) None
102.	Apple Shape cultivar of Mango is			
	a) Rosica	b) Totapuri	c) Rumani	d) Tomy Atkin
103.	Removal of male bud after completion of female phase in Banana is called			
	a) Denavelling	b) Mattocking	c) Ratooning	d) Desuckering
104.	Annual Drumstick is propagated by			
	a) Limb Cutting	b) Root Cutting	c) Seed	d) None
105.	Pineapple variety suitable for canning is			
	a) Queen	b) Mauritius	c) Cayenne	d) Kew
106.	First commodity for which grading and marketing rules were framed is			
	a) Grape	b) Tomato	c) Mango	d) Onion
107.	Melons for distant marketing are picked at:			
	a) Half-slip stage	b) Green mature stage	c) Full-slip stage	d) None of these
108.	The Limiting Amino acid in green vegetables is :			
	a) Methionine	b) Arginine	c) Lysine	d) Tryptophan
109.	Which is the staple vegetable in Indian diet ?			
	a) Tomato	b) Cauliflower	c) Potato	d) Chilli
110.	Chillies are rich source of :			
	a) Vitamin E	b) Vitamin A	c) Vitamin C	d) Vitamin A and C
111.	Father of modern Refrigeration is :			
	a) James Harrison (1851)	b) Wade, N.L (1984)	c) Gane (1934)	d) Wang (1986)
112.	According to FPO, the maximum limit of SO ₂ allowed in squashes and cordials is			
	a) 500 ppm	b) 350 ppm	c) 1000 ppm	d) 600 ppm
113.	O ₂ requirement for Apple storage in Controlled Atmosphere (CA) is:			
	a) 3%	b) 2%	c) 5%	d) 7%
114.	Vacuum cooling is most suitable for:			
	a) Fruits	b) Tubers	c) Leafy vegetables	d) None of these
115.	Vegetable which is not blanched before drying is :			
	a) Cauliflower	b) Onion	c) Palak	d) Tomato
116.	Bacteria which is used to absorb ethylene from storage chamber is:			
	a) Agrobacterium	b) Bacillus	c) Azotobacter	d) Mycobacterium
117.	Toughening effect on canned bean is due to			
	a) K	b) S	c) Ca	d) None of these
118.	Best maturity indices of orange is :			
	a) TSS	b) Acid %	c) Sugar %	d) Brix : acid ratio
119.	The term "three quarterful or full three quarter" is used to denote fruit maturity in which			

	crop in the following:			
	a) Banana	b) Tomato	c) Mango	d) Pineapple
120.	Toddy from coconut is prepared by :			
	a) Yeast	b) Fungi (D)	c) Bacteria	d) Fermentation
121.	Zero energy cool chamber is developed by			
	a) M K Rai and RN Singh	b) RP Roy and DK Khurana	c) SK Roy and DS Khurdiya	d) None of these
122.	Cashew apple is the pseudofruit developed from			
	a) Peduncle	b) Ovary	c) Enlarged style	d) Parthenocarpically developed fruit
123.	Removal of male bud in Banana is technically called as			
	a) Emasculation	b) Dis budding	c) Tipping	d) Denovelling
124.	Patch budding is generally practiced in			
	a) Guava	b) Sapota	c) Aonla	d) Ber
125.	In Arecanut for processing of kalipak, nuts are harvested when they are months old.			
	a) 4-5	b) 6-7	c) 7-9	d) 9-11
126.	The enzyme responsible for softening of several types of fruits is			
	a) polopolysulphonase	b) catalase	c) polyhydrase	d) polygalactouranase
127.	Which soil is best suited for cultivation of vegetable crops?			
	a) Sandy	b) Sandy loam	c) Clay loam	d) Clay
128.	Leaf curl of chilli is transmitted by			
	a) White flies	b) Aphids	c) Thrips	d) Jassids
129.	Pusa Nanha, Pusa Parvati, Pusa Jyoti, MDU-1 are all the			
	a) Polyploid varieties	b) Transgenic varieties	c) Mutation varieties	d) Introduced varieties
130.	Virus free plantlets can be produced by			
	a) Anther culture	b) Pollen culture	c) Meristem culture	d) Callus culture
131.	Anemophilly is found in			
	a) Amaranthus	b) Cauliflower	c) Carrot	d) Cabbage
132.	Man made vegetable is			
	a) Rutabaga	b) Celery	c) Artichoke	d) Swiss chard
133.	Development of protein rich transgenic potato is known as			
	a) Golden potato	b) Silver potato	c) Protato	d) Pomato
134.	Late blight of potato is associated with			
	a) Irish famine	b) Bengal famine	c) French famine	d) American famine
135.	Pruning involves			
	a) Thinning	b) Heading back	c) Both a & b	d) Bending
136.	Which of the following is a kind of detached grafting			
	a) Veneer	b) Saddle	c) Side	d) All of these
137.	Dwarfing in papaya is inherited by			
	a) Recessive gene	b) Dominant gene	c) Epistatic gene	d) None
138.	Vivipary is noted in which citrus species			
	a) <i>Citrus grandis</i>	b) <i>C paradisi</i>	c) <i>C reticulata</i>	d) <i>C sinensis</i>
139.	Which of the following is summer pruned'			
	a) Grape	b) Mango	c) Peach	d) Pear
140.	The most important hindrance in fruit breeding is			
	a) Long juvenile phase	b) Vegetative propagation	c) Less seed per fruit	d) Large size trees
141.	Prunes refers to the			
	a) Dried grapes	b) Dried apricot	c) Dried peaches	d) Dried plum
142.	Most heavily pruned fruit tree is			
	a) Mango	b) Guava	c) Ber	d) Litchi

142.	High cytotokinin:auxin ratio in callus favours			
	a) Root development		c) Flowering	
	b) Shoot development		d) Somatic embryogenesis	
144.	Removal of dried flowered shoots in canna is known as			
	a) Mattocking	b) Propping	c) Denavelling	d) Deshooting
145.	Allele is the			
	a) Alternative form of a cell		c) Alternative form of a plasmid	
	b) Alternative form of a chromosome		d) Alternative form of a gene	
146.	Scientific names are written in which language			
	a) German	b) Latin	c) English	d) French
147.	First Hybrid Tea rose developed by Dr.B.P. Pal is			
	a) Delhi Princess	b) Anurag	c) Shoal	d) Rose Sherbet
148.	Rolling in lawn is done to			
	a) Anchor the grass		c) Remove weeds	
	b) Aerate the grass		d) Fertigate	
149.	Quonset is a type of			
	a) Refrigerant	b) Sterilant	c) Fumigant	d) Green house
150.	The word horticulture is derived from			
	a) English	b) Latin	c) German	d) Greek
Match the Following				
151.			152.	
1	Runner	Date Palm 2	1	IISR Jodhpur 5
2	Offsets	Orchids 5	2	IIVR Kottayam 4
3	Suckers	Turmeric 4	3	IIHR Varanasi 2
4	Rhizome	Banana 3	4	RRII Bangalore 3
5	Tissue Culture	Strawberry 1	5	CAZRI Calicut 1
153.			154.	
1	Photolysis	Fe 3	1	Fat Beal 3
2	N ₂ Fixation	Cl	2	Iron Cashew 5
3	Releasing of Oxygen	Cu	3	Riboflavin Aonla 4
4	Ethylene Production	Mo	4	Vitamin-C Karonda 2
5	Photosynthesis & Respiration	Mn	5	Protein Walnut 1
155.			156.	
1	Actinidaceae	Coffee 2	1	Coconut 32 1
2	Rubiaceae	Cocoa 3	2	Date Palm 33 3
3	Sterculiaceae	Sapota 5	3	Banana 36 2
4	Spindaceae	Litchi 4	4	Pineapple 50 4
5	Spotaceae	Kiwi 1	5	Mango 40 5
157.			158.	
1	Litchi	Peru 5	1	Whiptail K 3
2	Beal	South China 1	2	Marsh Spot Ca 4
3	Cashew	Tropical America 4	3	Blotchy Ripening Mg 2
4	Custrud Apple	India 2	4	Blossom End Rot Mo 1
5	Guava	Brazil 3	5	Akashin B 5
159.			160.	
1	Acorin	Vanilla 5	1	Cumin Kerala 3
2	Solanin	Fenugreek 4	2	Saffron J&K. 2
3	Sinigrin	Cabbage 3	3	Black Pepper Gujarat 1
4	Diosgenin	Potato 2	4	Fennel Andhra Pradesh 5
5	Vanillin	Sweet Flag 1	5	Turmeric Rajasthan 4

"You can't have a better tomorrow if you're still thinking about yesterday."