

UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOT
 COLLEGE OF HORTICULTURE, BIDAR - 585 403
JRF MOCK TEST-III

Multiple Choice Questions

1.	Which one of following is a multiple fruit?			
	a) Fig	b) Strawberry	c) Aonla	d) Pomegranate
2.	Which of the following plant is Day Neutral Plant?			
	a) Papaya	b) Guava	e) Both a & b	d) Cashew
3.	Which one is called 'Food of God'?			
	a) Coffee	b) Cocoa	c) Beal	d) Banana
4.	Pollination in Oil Palm is done by:			
	a) Honey Bee	b) Wasp	c) Hand Pollination	d) Weevil
5.	Edible part of Coconut is:			
	a) Mesocarp	b) Endocarp	e) Endosperm	d) Perianth
6.	Papaya cultivar suitable for papain extraction is:			
	a) Pusa Delicious	b) Pusa Majesty	c) CO-1	d) Pusa Nanha
7.	Scientific name of Chinese Guava is:			
	a) <i>P. fridrichsthalianum</i>	b) <i>P. Guajava</i>	c) <i>P. cottlecianum</i>	d) None
8.	Most common rootstock of Custard Apple is:			
	a) <i>A. Squamosa</i>	b) <i>A. Reticulate</i>	c) <i>A. atemoya</i>	d) <i>A. muricata</i>
9.	Which one is Non-astringent variety of Persimmon ?			
	a) Fiyu	b) Triumph	c) Hachiya	d) Nightingale
10.	Which rootstock Citrus is resistant to greening?			
	a) Rangpur Lime	b) Adjamir	c) Troyer Citrange	d) Flying Dragon
11.	Which rootstock Citrus is resistant to Tristeza Virus?			
	a) Rangpur Lime	b) Adjamir	e) Rough Lemon	d) Flying Dragon
12.	Andromonoecious nature is common in			
	a. Pumpkin	b. Onion	c. Brinjal	d. Papaya
13.	Dual factor stimulus of flowering i.e. dual factor hypothesis was given by			
	a. K.C. Mehta	b. Chakraborty	c. Doe et.al.	d. None
14.	Temporary preservation is also known as			
	a. Carmelisation	b. Asepsis	c. Apertisation	d. Pikling
15.	The concept of leaf sampling for nutrient analysis is given by			
	a. Bergh	b. Mc. Grilkrist	c. Willey and Rop	d. Lutherd and Smith
16.	Craigs Defince is old cultivar prone to internal brown spot is of which crop			
	a. Aonla	b. Avocado	c. Onion	d. Potato
17.	Process K ₂ O fixation is a process			
	a. Chemical	b. Biological	e. Physical	d. None of these
18.	Maximum% oil is found in coconut			
	a. 0.1	b. 1.0		c. 1.5
19.	Mango seed kernel' has percentage of protein:			
	a) 9.5%	b) 22%	c) 24%	d) 12%
20.	Which crop is free from red pumpkin beetle?			
	a. Cucumber	b. Bitter gourd	c. Bottle gourd	d. Pumpkin
21.	Tatura trellies system is a one of the system of			
	a. Training	b. Prunning	c. HDP	d. Harvesting
22.	Heat treatment in mango is recommended against			
	a. Fruit files	b. Stone weevil	e. Both a and b	d. None
23.	National Institute of Agricultural Marketing (NIAM) is situated at			
	a. Bengaluru	b. Pune	c. Janagarh (Gujarat)	d. Jaipur (Rajasthan)
24.	The specific gravity 1.01 to 1.02 is a maturity indices for which var of mango ?			

	a. Dashehari	b. Aplhanso	c. Neelum	d. Langra
25.	F ₁ hybrid of capsicum is			
	a. Punjab lal	b. Pusa Dipti	c. Jwala	d. Jayanthi
26.	Which of the following is a smallest family of the fruit crops?			
	a. Protaceae	b. Punicaceae	c. Passifloraceae	d. Poaceae
27.	Aonla is commonly known as			
	a. Indian Gooseberry	b. Malaca tree	c. Myrabolan	d. All
28. is grouped under very high ethylene producers			
	a. Sapota	b. Banana	c. Tomato	d. Grape
29.	Dibbis is a drink prepared from			
	a. Date palm	b. Oil palm	c. Palmyah palm	d. Peach
30. is a rootstock for Jamun resistant against the attack of termites			
	a. <i>Syzygium jambose</i>	b. <i>S. uniflora</i>	c. <i>S. densiflora</i>	d. <i>S. cuminil</i>
31.	Coconut water contains % of water			
	a. 98	b. 96	c. 94.5	d. 93.1
32.	Cashew is important agricultural commodity exported from India			
	a. 3rd	b. 2 nd	c. 1 st	d. None
33. is the first step in the processing of tea			
	a. Harvesting	b. Washing	c. Weathering	d. Curing
34. is a source of resistant to leaf rust of coffee			
	a. <i>C. arabica</i>	b. <i>C. robusta</i>	c. <i>C. canephora</i>	d. <i>C. liberica</i>
35.	Which is the stimulating agent present in betelnut?			
	a. Arecoline 0.5%	b. Arecoline 0.1%	c. Polyphenol stains	d. Arecacine 0.1%
36.	<i>Solanum melongena</i> var. bears long and slender type of fruits			
	a. Serpenticum	b. Depressum	c. Esculentum	d. None
37.	Murayin is a glucoside present in which part of curry leaf?			
	a. Fruit	b. Leaves	c. Flowers	d. Stem
38.	Pusa Kiran is a var. of			
	a. Palak	b. Chaulai	c. Kaddu	d. Guar
39.	Cluster bean contains mucilagenous substance			
	a. Acetocarmine	b. Chlorophyll	c. Mannogalacton	d. Diosgenin
40.	Major mineral present in fruits and vegetables is			
	a. Iron	b. Phosphorus	c. Potassium	d. Retinol
41.	Which country is the highest consumer of vegetables?			
	a. China	b. Greece	c. Brazil	d. Turkey
42.	Botanical name of chow-chow is			
	a. <i>Sauropus androgynous</i>	b. <i>Coleus perviflorus</i>	c. <i>Sechium edule</i>	d. <i>Benincasa hispida</i>
43.	Which of the following is/ are highly tolerant to soil acidity?			
	a. Tomato	b. Chilli	c. Onion	d. Fennel
44.	The toxic substance in spinach is			
	a. Saponin	b. Solanine	c. Sinignin	d. Fennel
45.	Which one is a selfing var. of onion?			
	a. Ratnar	b. Arka Bindu	c. Pusa Madhvi	d. Sterotonin
46. ranks 1 st in the production of Garlic			
	a. Italy	b. Egypt	c. Iran	d. China
47.	Which of the following is/ are the var. of pointed gourd?			
	a. Bihar Sharif	b. Kalyani	c. Damodar	d. All
48.	Bittergourd fruits are rich in			
	a. Fe.	b. N.	c. Zn	d. Cu
49.	Diamond Black moth is a most damaging pest of			
	a. Cabbage	b. Cauliflower	c. Broccoli	d. All

50.	AgNO ₃ is used for induction offlowers in cucurbits <i>4</i> Stirred <i>→ female</i>			
	a. Female	b. Male	c. Androecious	d. both a and c
51.	Which is the largest state in flower acreage in India?			
	a. Tamil Nadu	b. Andhra Pradesh	c. Karnataka	d. West Bengal
52. is the man who standardized the dehydration technique of flowers at NBRI, Lucknow			
	a. Dr. R.R. Pal	b. Vishnu Swaroop	c. Chandra Saini	d. Dr. J.C. Bhutani
53.	CO ₂ concentration in GH for rose cultivation should be			
	a. 1500 ppm	b. 700 ppm	c. 1000-3000 ppm	d. Below 500 ppm
54.	Which of the following is also known as pot marigold			
	a. Calendula	b. French Marigold	c. African Marigold	d. Dahlia
55.	Which of the following cultivar of Rose appears on postal stamp?			
	a. Suvasini	b. Shringar	c. Mrinalini	d. Mohini
56.	Pox and Scurve is a disorder of			
	a. Grape	b. Taro	c. Sweet potato	d. Tapioka
57.	Garlic crop is harvested in			
	a. 80-100 days	b. 100-115 days	c. 120-160 days	d. 170-180 days
58.	Nityashree and Navashree are the cultivars of			
	a. Cumin	b. Cinnamon	c. Cardamom	d. Fennel
59.	MC 43 and S-404 are the varieties of			
	a. Cumin	b. Black pepper	c. Ginger	d. Fenugreek
60.	Buddha Jayanti Park is located at			
	a. Gaya	b. New Delhi	c. Srilanka	d. Bangalore
61.	Alkaloid..... is used as artificial vanilla.			
	a. Terpenol	b. Genanol	c. Eugenol	d. Linalool
62.	Family of Opium popy is			
	a. Anacardiaceae	b. Musaceae	c. Papaveraceae	d. Myrtaceae
63.	Anar Butterfly is a common pest of			
	a. Plum	b. Apricot	c. Pomegranate	d. Sapota
64.	16 July is celebrated as			
	a. Flag day	b. IARI day	c. ICAR day	d. CIMAP day
65.	Cornflower is the national flower of			
	a. Germany	b. Japan	c. Wales	d. India
66.	Australia is a largest producer of			
	a. Dried Ornamentals	b. Cut greens	c. Cut flowers	d. Loose Flowers
67.	Bent Neck is a common disorderin			
	a. Carnation	b. Tulip	c. Rose	d. Daffodil
68.	Anthurium isplant			
	a. Short day	b. Day neutral	c. Semi short day	d. Long day
69. is the tapping technology in rubber			
	a. Ridley	b. Ariparia	c. Vallupania	d. Kaivelty
70.	Solid mixture of reducing and non reducing sugar prepared by concentration is			
	a. Jaggery	b. Cidar	c. Nectar	d. Syrup
71.	Tea mosquito bug is a common pest of			
	a. Cashew	b. Tea	c. Coffee	d. Rubber
72.	Optimum tapping depth in rubber should be.....			
	a. 1 cm	b. 1 mm	c. 0.1 mm	d. 0.01 mm
73.	Fermentation imparts in tea			
	a. Colour	b. Aroma	c. Stimulant	d. None
74.	Breaking virus is 1 st reported in			

	a. Rose	b. Carnation	c. Tulip	d. Chrysanthemum
75.	Seedless cultivar of Jamun is:			
	a) Raj Jamun	b) Paras	c) Narendra Jamun	d) Desi Jamun
76.	Which crop does not have any Indian varieties?			
	a) Palak	b) Carrot	c) Beet Root	d) Beet Leaf
77.	Edible part of Sweet Potato is modified:			
	a) Root	b) Stem	c) Both a & b	d) Leaf
78.	Scientific name of Leek is:			
	a) <i>Allium sativum</i>	b) <i>Allium cepa</i>	c) <i>Allium porum</i>	d) <i>Allium shallot</i>
79.	Toxin substance present in French Bean is:			
	a) Serotonin	b) Trypsin Inhibitor	c) Heemaglutine	d) Choline Esterase
80.	Origin centre of Pineapple is:			
	a) India	b) China	c) Brazil	d) Europe
81.	Carambola is rich in which acid?			
	a) Tartic Acid	b) Oxalic Acid	c) Nicotinic Acid	d) Citric Acid
82.	Tree of Paradise is common name of:			
	a) Coconut	b) Date Palm	c) Banana	d) Apple
83.	Storage temperature of Pineapple is:			
	a) 0°C	b) 5-6°C	c) 11-13°C	d) 8-9°C
84.	Propagation in Jackfruit is done by:			
	a) Seed	b) Patch Budding	c) Air Layering	d) Inarching
85.	Bud Mutant of Nagpur Mandarin is:			
	a) Mosami	b) Kinnow	c) Mudkhed	d) Pineapple
86.	Extensive cultivation is done in which type of gardens?			
	a) Kitchen	b) Market	c) Truck	d) Processing
87.	Maximum area under loose flowers in India is in:			
	a) Marigold	b) Crossandra	c) Jasmine	d) Tuberosa
88.	Which flowers are store at minimum 15° C temperature?			
	a) Rose	b) Crossandra	c) Chrysanthemum	d) All of Above .
89.	Calyx splitting in carnation is due to:			
	a) Genetic factors	b) Nutritional factors	c) Environment factors	d) All of above
90.	Rose is harvested at which stage?			
	a) Tight bud stage	b) Half open stage	c) Fully open stage	d) None
91.	Which one is important ethylene inhibitor used for increase longevity of cut flowers?			
	a) Silver Thiosulphate	b) HQC	c) Aluminium Sulphate	d) Sugar
92.	Which annual cultivated for oil extraction:			
	a) Sweet William	b) Candytuft	c) Pansy	d) Sweet Pea
93.	English art of flower arrangement is based on which theme?			
	a) Religious	b) Spiritual	c) Social	d) Aesthetic
94.	Optimum C: N ratio of potting media should be:			
	a) High	b) Low	c) Medium	d) Anyone
95.	Botanical name of Parrot flower is:			
	a) <i>Erythrina indica</i>	b) <i>Erythrina varigeta</i>	c) <i>Erythrina subrosa</i>	d) <i>Erythrina crigalli</i>
96.	Which of the plant bear showy leafy bracts?			
	a) Bougainvillea	b) Mussanda	c) Poinsettia	d) Both b & c
97.	Which one is cool season climber?			
	a) <i>Pyrostegia venusta</i>	b) Ipomea	c) Clitara	d) <i>Ficus rapens</i>
98.	Nugget is important hybrid cultivar of:			
	a) Gladiolus	b) Parimula	c) Marigold	d) None
99.	Gladiolus is propagated through:			
	a) Bulb	b) Rhizome	c) Tuber	d) Corm
100.	What is the size of Mamie bonsai (height in Inches)?			

a) 2-6	b) 6-12	c) 12-24	d) 24-60
101.	The acid that is used to lower the pH in wine production		
a) Mallic acid	b) citric acid	c) tartaric acid	d) acetic acid
102.	Which of the following process the enzymes get inactivated		
a) Canning	b) Asepsis	c) Blanching	d) exhausting
103.	During the process of respiration fruits and vegetables release		
a) O ₂ & moisture	b) only moisture	c) nitrogen & moisture	d) CO₂ & moisture
104.	Removal of field heat from fruits and vegetables before storage referred as		
a) Dehydration	b) para-boiling	c) pre cooling	d) blanching
105.	Minimum percentage of fruits/vegetables in pickles as per FPO		
a) 40%	b) 65%	c) 50%	d) 85%
106.	Pasteurization frees the food from		
a) Vegetative micro organism	b) Human pathogens	c) Both a & b	d) spore forming bacteria
107.	Anti- oxidants		
a) Calcium chloride	b) sulphur-oxide	c) Aspartine	d) pectin
108.	Flat sour occurs mostly in		
a) Acid foods	b) non-acid foods	c) both the above	d) none of the above
109.	Citric acid is commercially produced by		
a) <i>Aspergillus Niger</i>	b) <i>Bacillus cereus</i>	c) <i>Saccharomyces cerevisiae</i>	d) None
110.	Vitamin D is chemically known as		
a) Retinol	b) Cabalanin	c) Tocopherol	d) Calciferol
111.	Which group of the micro-organism converts sugar into alcohol		
a) Bacteria	b) Moulds	c) Yeast	d) Fungus
112.	Sugar, salt reacts on the principle of		
a) Imbibitions	b) Osmosis	c) None on these	d) Dehydration
113.	Preservative used in the preservation of pomegranates coloured products		
a) Sorbic acid	b) KMS	c) Nitrites	d) Sodium benzoate
114.	Minimum % pulp required for the preparation nectar of as par the FAO specification is		
a) 15	b) 20	c) 10	d) 25
115.	8-HQC is used in the preservation of		
a) Fruits	b) Flowers	c) Vegetables	d) Spices
116.	During canning of fruits and vegetables exhausting is done to		
a) Sterilization	b) Kill microbes	c) Make pulpy	d) Remove gas
117.	marmalade is prepared from		
a) Amla	b) Pumpkin	c) Orange	d) None
118.	Brain strength is measured by		
a) Solo meter	b) Refractrometer	c) brain meter	d) calorimeter
119.	Organism used for preparation of vinegar		
a) <i>Bacillus thurengensis</i>	b) <i>saccharomyces cerviseae</i>	c) <i>acetobacter acetii</i>	d) lactic acid bacteria
120.	Percentage of pectin in jelly is		
a) 1	b) 5	c) 15	d) 20
121.	India processing around-----% of fruits & vegetables		
a) 2	b) 4	c) 6	d) 8
122.	Effective inhibitors of ethylene action in fruits and vegetables		
a) KMnO ₄	b) MCP	c) CO ₂	d) Calcium carbide
123.	In freezing technique of preservation, the frozen foods are stored at a temperature of		
a) 10 ⁰ C	b) 5 ⁰ C	c) -18⁰C	d) All
124.	The purpose of precooling is to reduce		
a) Field heat	b) Package heat	c) Transport heat	d) All these
125.	The principle behind adding sugar syrup / brine in canning of fruits/vegetables respectively is		
a) To improve the taste of products	c) To fill up the space between fruit/vegetable pieces		
b) To facilitate further processing	d) All of these		

126.	During ripening, the green colour in most of the fruits changes due to degradation of			
	a) Chromoplast	b) leucoplast	c) chloroplast	d) carotenes
127.	Which one of the following is not a limitation for processing of horticulture crops in India?			
	a) Lack of specialized people	b) Purchasing power of people	c) Sunshine & labour force	d) Lack of interest
128.	Which one of the following is not a visual means of judging maturity?			
	a) Shoulder growth	b) specific gravity	c) skin colour	d) fullness of fruit
129.	Which one of the following can be successfully vacuum cooled?			
	a) Apple	b) Tomato	c) palak leaf	d) grapes
130.	Remove the odd one out			
	a) Crystallised fruit	b) fruit jam	c) Tutti-fruity	d) glazed fruit
131.	Which one of the following provides the maximum roughage to our body			
	a) Tomato	b) Rice	c) Methi leaves	d) Egg
132.	Craft paper coated with KMS and plastic polymer is referred to as			
	a) CFB Boxes	b) Grape gourd	c) shrink wrapping	d) LDPE Film
133.	The outstanding raisin grape cultivar			
	a) Thompson seedless	b) Pusa seedless	c) Kishmish Beli	d) Sultana
134.	In pineapple commercial variety for canning			
	a) Queen	b) Giant Kew	c) Cayenne	d) charlotte roth chid
135.	The breakfast fruit is			
	a) Grapes	b) mangos teen	c) sweet orange	d) grape fruit
136.	Edible part of Asparagus is:			
	a) Leaves	b) Flowers	c) Fleshy Peduncle	d) Tender Shoots
137.	First released public hybrid is:			
	a) Pusa Meghadoot	b) Pusa Manjari	c) Pusa Ruby	d) Pusa Sanyog
138.	Inflorescence of Onion is:			
	a) Spike	b) Racemose	c) Cymose	d) Umble
139.	Pusa Deepali is cultivar of:			
	a) Chilli	b) Capsicum	c) Cabbage	d) Cauliflower
140.	Nematode & bacterial wilt resistant variety of Tomato is:			
	a) Arka Vardan	b) Pant Bahar	c) Pusa Uphar	d) Arka Alok
141.	For distant transportation tomato fruits are picked at			
	a) Immature green stage	b) Red ripe stage	c) mature pink stage	d) mature green stage
142.	Pungency of onion is due to			
	a) Glycoalkaloides	b) Capsacin	c) Alkaloides	d) Allyl propyl
143.	Chromosome number of turnip			
	a) 18	b) 20	c) 22	d) 24
144.	chekurmanis belong to the family			
	a) Rutaceae	b) Leguminaeaceae	c) Apiaceae	d) Euphorbiaceae
145.	Pigment responsible for red colour in capsicum fruit is			
	a) capsanthin	b) Lycopene	c) Xanthophyll	d) Capsaicin
146.	A Scented type of Methi variety			
	a) Lam selection-1	b) Rajendra Kranthi	c) Kasuri selection	d) Pusa Early Bunching
147.	Seedless triploid cultivar of Water Melon is:			
	a) Arka Manik	b) Arka Jyoti	c) Pusa Bedana	d) Pusa Rasal
148.	Nematode resistant cultivar of Brinjal is:			
	a) Arka Navneet	b) Vaishali	c) Arka Sheel	d) Manjarigota
149.	Which one of following is C4 plant?			
	a) Spinach	b) Amaranthus	c) Asparagus	d) All of above
150.	An edible poded pea variety is			
	a) Arkel	b) NP-29	c) Sylvia	d) Arka Ajit

Match the Following			
151.		152.	
1	Exanthema	a) Zn	2
2	Leaf Necrosis	b) Cu	1
3	Fruit Necrosis	c) Ca	2
4	Calyx End Rot	d) B	3
5	Tea Yellow disease	e) S	4
153.		154.	
1	Wintering	a) Orchids	4
2	Tinting	b) Rose	1
3	Scoring	c) Chrysanthemum	5
4	Tissue Culture	d) Gladiolus	3
5	Disbudding	e) Carnation	2
155.		156.	
1	Export quality	a. Allepey	5
2	Cashew	b. Priyanka	1
3	Areca nut variety	c. Caveri	3
4	Soft seeded Anar	d. Sumrudhi	2
5	Capsicum variety	e. Arka Mohini	4
157.		158.	
1	Coleus	a. Hardwood cutting	3
2	Begonia	b. Softwood cutting	1
3	Grape	c. Ring budding	5
4	Croton	d. Leaf cutting	2
5	Ber	e. Air layering	4
159.		160.	
1	IIHR	a. Varanasi	3
2	CISH	b. Jodhapur	4
3	IIVR	c. Bangalore	1
4	CAZRI	d. Mysore	5
5	CFTRI	e. Lucknow	2
1	Kisan Day	a. 16 th October	2
2	ICAR Day	b. 4 th December	5
3	World Environment Day	c. 16 th July	2
4	World Food Day	d. 5 th June	3
5	Agriculture Women Day	e. 23 rd December	1
1	Johansen	a. First transgenic tomato	3
2	Morgan	b. DNA Sequencing	4
3	Calgene	c. Coined 'gene'	1
4	Sanger	d. Inheritance	5
5	Mendel	e. Linkage	2
1	Horse radish	a. Runner cutting	3
2	Black pepper	b. Tuber	4
3	Cassava	c. Root cuttings	1
4	Potato	d. Stem cuttings	2
5	Tomato	e. Seeds	5
1	Whip tail of Cauliflower	a. Mo ₁	
2	Intervinal chlorosis in younger leaves	b. Mg ₂	
3	Marginal leaf scorching	c. K	3
4	Intervinal chlorosis in older leaves	d. Fe	4
5	Gum pockets of terminal leaves	e. Cu	5
1	Aseptic canning	a. 50%	3
2	Tomato for processing	b. 145%	1
3	VHT	c. 5%	5
4	Nectar	d. 14%	2
5	alcohol acts as preservative	e. 20%	4

"Never leave that till tomorrow which you can do today"