

Model Test paper -2

- 1 Mango is botanically
 - a. Becca
 - b. Pome
 - c. Pepa
 - d. None
- 2 Tomato is a
 - a. Short day plant
 - b. Long day plant
 - c. Day neutral
 - d. None
- 3 "Chandler" is a variety of
 - a. Black berry
 - b. Blue berry
 - c. Strawberry
 - d. None of these
- 4 The minimum degree of freedom required for a good statistical
 - a. 8
 - b. 12
 - c. 15
 - d. 20
- 5 The programme which was initiated on the occasion of golden jubilee of ICAR
 - a. land to lab programme
 - b. T & system
 - c. Operational research project
 - d. None
- 6 India leads in the production of
 - a. Banana
 - b. mango
 - c. Sapota
 - d. All of the above
- 7 Pusa hybrid -1 is a hybrid of
 - a. Cucumber
 - b. Tomato
 - c. Brinjal
 - d. None of the above
- 8 Rice leaf roller is
 - a. Diacraspa armigera
 - b. Onaphalorisis medinalies
 - c. Hieroglyphus banya
 - d. None of the above
- 9 B.P. Pal is a variety of
 - a. Chrysanthemum
 - b. Carpicorn
 - c. Rose
 - d. None of the above
- 10 "Udbtta" disease in rice is due to
 - a. Uatilaginoidae virus
 - b. Ephelis oryzae
 - c. Neovossia horrids
 - d. Entyloma oryzae
- 11 The most widely distributed auxin is
 - a. IAA
 - b. IBA
 - c. NAA
 - d. 2, 4-D
- 12 Which of the following plant exhibit C-4 cycle ?
 - a. Sugarcane
 - b. Maize
 - c. Both a and b
 - d. None of the above
- 13 The total geographical area of India is
 - a. 320 million ha.
 - b. 326 million ha.
 - c. 327 million ha.
 - d. 328 million ha.
- 14 Interculture operation should be performed in groundnut
 - a. 10 days after sowing
 - b. 52 days after sowing
 - c. 40 days after sowing
 - d. None
- 15 Which of the following fertilizers are not produced in India ?
 - a. Notrogenous
 - b. Phosphalic
 - c. Potassic
 - d. All of the above
- 16 Which one of the following is the dwarfing source of wheat?
 - a. Dee-geo-woo-gen
 - b. Norin 10
 - c. Both a and b
 - d. None
- 17 Which of the following system accommodated more number of plants/ ha. ?
 - a. Square
 - b. Rectangular
 - c. Hexagonal
 - d. Quincunx
- 18 Sun scald is problem in which of the following systems?
 - a. Central Leader
 - b. Open centre
 - c. Modified leader
 - d. None
- 19 Blossom -end rot in tomato is due to the deficiency of
 - a. Ca
 - b. B
 - c. Mg
 - d. All of the above
- 20 The maximum processed vegetable is
 - a. Brinjal
 - b. Tomato
 - c. Chilli
 - d. Potato
- 21 Post harvest losses accounts upto
 - a. 10%
 - b. 25%
 - c. 80%
 - d. 50%
- 22 " Preservation of food adulteration" act was passed in
 - a. 1956
 - b. 1954
 - c. 1915
 - d. None
- 23 Which of the following is non climacteric fruit ?
 - a. Apple
 - b. pear
 - c. Pineapple
 - d. Avocado
- 24 Richest source of Vitamin C is
 - a. Sour cherry
 - b. Barbados Cherry
 - c. Sweet cherry
 - d. None
- 25 Banana is commercially propagated by
 - a. Sward suckers
 - b. Water suckers
 - c. Both of the above
 - d. None
- 26 Malta blood red is cultivar of
 - a. Sweet orange
 - b. Mandarin
 - c. Acid lime
 - d. None
- 27 Surdar guava is also know as
 - a. L-49
 - b. L -40
 - c. Hafshi
 - d. None
- 28 For good raisin grapes should have
 - a. 25°
 - b. 20°
 - c. 24°
 - d. 30°
- 29 Strenospermocarpy is observed in
 - a. Mango (sindhu)
 - b. Grape
 - c. Fig
 - d. Both a and b
- 30 Powdery milew resistant rootstalk (Rose)
 - a. Rosa Indica
 - b. Rosa Canina
 - c. Rosa Multiflora
 - d. None
- 31 Mango malforamtion is prevented by
 - a. IAA (200 ppm)
 - b. NAA (200 ppm)
 - c. IBA(200 ppm)
 - d. None
- 32 Pusa dwarf cultivar of papaya is
 - a. Dioceous
 - b. Hermaphrodita
 - c. Gynodioceous
 - d. none
- 33 Protective enzyme found in Papaya is
 - a. Papain
 - b. Bromeline
 - c. Ficin
 - d. None of these
- 34 Fire blight of pear is
 - a. E. amylovora
 - b. E. carotovora
 - c. P. infestance
 - d. P. syringae
- 35 Botanical name of Peach is
 - a. Prunus domestica
 - b. Prunus persica
 - c. Prunus amygdalus
 - d. none of these
- 36 Colouring pigment of plum is
 - a. Carotenoides
 - b. Anthocyanins
 - c. Betalains
 - d. None of these

- 37 Internal browning of apple is due to
a. CO₂ injury b. N deficiency c. Both a and b d. None
- 38 The seeds of papaya have covering called
a. Sarcotesta b. Leta -c. Sarcolemma d. None
- 39 The edible part of asparagus is
a. Stick b. Spear c. knob d. curd
- 40 Whiptail of cauliflower is due to the deficiency of
a. B b. Mo c. Mg d. Ca
- 41 Pusa deepali is an early variety of
a. Cabbage b. Cauliflower c. Knol-khol d. Radish
- 42 Variety suitable for hotter months (radish)
a. Arka Himani b. Pusa Chetaki c. Araka Nishant d. None of the above
- 43 Scientific name of pumpkin is
a. Cucumis melo b. Cucurbita moschata c. Cucurbita maxima d. Luffa cylindrica
- 44 Pusa bedana is a variety of
a. Muskmelon b. Watermelon c. pumpikn d. Cucumber
- 45 Petha (Candy) is prepared from
a. Ash gourd b. Bitter gourd c. Pumpkin d. Cucumber
- 46 In cucurbits femaleness is increased by
a. Ethrel b. MH c. NAA d. All of the above
- 47 Ideal sugar : a. Cucumis melo b. Cucurbita moschata
c. Cucurbita maxima d. Luffa cylindrica
- 48 C-Enamel Can't be used for storing
a. Sugar b. KMS c. Citric acid d. None
- 49 Preservative of candy is
a. Stem cutting b. Seeds c. Root cutting d. All of the above
- 50 Sweet potato is propagated by
a. Stem cutting b. Seeds c. Root cutting d. all of the above
- 51 The proper sequence of the operations in canning is
a. Exhaustation b. Blancing c. Filling d. All of the above
- 52 Pusa Sanyog is a variety of
a. Cucumber b. Pumpkin c. Squash d. None
- 53 The quicker method to lay a lawn is
a. Seeding b. Dibbling c. Turfing d. Mud plastering
- 54 Vegetable only grown during hotter months os
a. Cucumber b. Pointed gourd c. Watermelon d. All of the above
- 55 Which of the following tree is not a summer flowering ?
a. Jacaranda b. Erythrina c. Spathodea d. Amaltas
- 56 Which of the following is not a winter season annual
a. Pancy b. nasturtier c. Cockcomts d. Agesta
- 57 Which of the following is highly suitable for hedge?
a. Quisqualis b. Epatorium c. Clerodendrone d. All
- 58 Strawberry is propagated by
a. Off shoots b. Slips c. Runners d. All
- 59 Variety resistant to fruit fly pumpkin
a. Arka Chandan b. Selection B c. Araka Suryamuki d. All
- 60 Hand emasculation and hand pollination is done in hybrid seed production of
a. Cauliflower b. Cabbage c. Tomato d. Onion
- 61 Which of the following shrub is suitable for topiary?
a. Exora b. Bougainvillia c. Durania d. All
- 62 Variety of muskmelon in which slipatage does not occur
a. Arka Roghans b. Pusa Sarbali c. Hara Madhu d. All
- 63 Which of the following does not require nurse, ?
a. Tomato b. Cabbage c. Okra d. Chilli
- 64 Suitable export variety of mango is
a. Dashehri b. Neelum c. Aplhanso d. Chausa
- 65 National fruit of India is
a. Banana b. Citrus c. Alphanso d. Apple
- 66 Perennial vegetable is
a. Pointed gourd b. Coccinea c. Drumstick d. All
- 67 Litchi belongs to the family
a. Ebenaceae b. Sapindaceae c. oxillidaceae d. None
- 68 French Merigold is
a. Diaploid b. Tertraploid c. Aneuploid d. None
- 69 Saprophytic incompatibility is observed by
a. Graminae b. Euphorbiaceae c. Brassicaceae d. All
- 70 Which one of the following is seeded viviparous cucurbit?
a. Ash gourd b. Chow-chow c. Squash d. Pointed gourd
- 71 Chrysanthemum is
a. Short day plant b. Long day plant c. neutral d. None
- 72 Watermelon variety resistant to PM, downy mildew and anthracnose is
a. Sugarberry b. Shipper c. Pusa bedana d. Arka Manik
- 73 Heterosis is exploited in which of the following
a. Cucumber b. Watermelon c. Okra d. Tomato
- 74 India leads in the production of
a. Fruits b. Vegetables c. Flowers d. None

- The largest exporter of cut flowers in the world is
a. Netherlands b. Denmark c. Japan d. Holland
- 76 Rose is commercially propagated by
a. Cutting b. Budding c. Grafting d. All
- 77 Which of the following is dioceous ?
a. Datepalm b. Asparagus c. Both a and b d. Non e
- 78 Pineapple is propagated by
a. Slips b. Suckers c. Crowns d. All
- 79 Phalsa belongs to the family
a. Guttiferae b. Bambaceae c. Sapindaceae d. None
- 80 Pungency in onion is due to
a. Amines b. Amides c. Disulphides d. None
- 81 Red colour in chilli is due to
a. Capsaicin b. Capsanthin c. Capaxanthin d. None
- 82 Suitable variety for HDp is
a. Amrapali b. Bashehari c. Neelum d. Rumani
- 83 Highest per centage of perfect flowers seen in
a. Chausa b. Alphanso c. langara d. Bombay green
- 84 Aster is a
a. Short day plant b. Long day plant c. DNP d. None
- 85 Calyx splitting is physiological disorder in
a. Rose b. Chrysanthemum c. Carnation d. Gladiolus
- 86 Which of the following is indigenous to India?
a. Tomato b. Brinjal c. Chilli d. Potato
- 87 The recommended dose of Vitamin C per day is
a. 40 mg b. 20 mg c. 60 mg d. 80 mg
- 88 Osteoporosis occurs due to the deficiency of
a. Iodine b. Calcium c. Phosphorus d. Iron
- 89 The virus of AIDS is
a. Single stranded DNA c. Double stranded DNA
b. Single Stranded RNA d. Double stranded RNA
- 90 F1 hybrids of progeny of clones are
a. Homozygous and homogenous c. Heterozygous and Homogenous
b. Homozygous and heterogeneous d. Heterozygous and Heterogeneous
- 91 The term genetics was coined by
a. Mendel b. Bateson c. Johanson d. Muller
- 92 Sweet potato belongs to the family
a. Solanaceae b. Cruciferae c. Convolvulaceae d. None
- 93 Precursor of ethylene in plant
a. Melthionine b. Tryptophan c. Coumarin d. Both a and b
- 94 Necrosis resistant variety of Aonla is
a. Krishna b. kanchan c. Chakkaiya d. None
- 95 Precursor of Auxin-IAA is
a. methionine b. Tryptohan c. Caumarin d. None
- 96 Strawberry is
a. An aggregate fruit b. A multiple fruit c. A berry d. A drupe
- 97 The edible part of wood apple is
a. Placenta b. Succulent thalamus c. Succulent placenta d. Juicy seed coat
- 98 In India, dates are harvested at
a. Dang stage b. Doker stage c. Both a and b d. None
- 99 Botanical name of Amaltas is
a. Cassia equisetifolia b. Cassia fistula c. Cassina angustifolia d. None
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- 100 Guava contains..... Vitamin C.
a. 280 mg/ 10 gm b. 290gm/100 gm c. 325 mg/ 100 gm d. None
- 101 Walnut belongs to family
a. Rosaceae b. Violaceae c. jaglandaceae d. Moraceae
- 102 Which of the following is important disorder of citrus?
a. Fruit cracking b. Sun-burn c. Granulation d. none
- 103 Litchi is a
a. Evergreen fruit b. Deciduous fruit c. Both a an db d. None
- 104 Which of the following is pome fruit?
a. Apple b. Pear c. Quince d. All

- 105 National Research centre for IPM's located at
a. Bengaluru b. New Delhi c. Hyderabad d. Pant Nager
- 106 The frictional unit of gene of
a. Cistron b. Muton c. Recon d. None
- 107 Polyploid can be obtained by
a. Auxin b. Cytokinin c. CCC d. Colchine
- 108 The underground part of Gladiolus is
a. Tuber b. Bulb c. Corm d. Rhizome
- 109 The number of single crosses that can be made from 4 inbreed is (without reciprocal cross)
a. 4 b. 5 c. 6 d. 7
- 110 Which of the following is incorrect
a. Canker- Leaf minor b. Greening – citrus Psylla c. Coconut root will – Lace bug d. Bunchy top- White fly
- 111 "Stripping" is done in
a. Palmyrah b. Oil palm c. Coconut d. Date palm
- 112 Mendel's Laws were re-discovered by
a. Correns b. tohermack c. De-Vries d. All
- 113 Sprouting in onion can be controlled by
a. NAA 2000 ppm b. CCC 2000 ppm c. IAA 2000 ppm d. MH 2000 ppm
- 114 Which one of the following is a deemed university?
a. IARI b. IVRI c. NDRI d. All
- 115 Under temperate climate pomegranate behave as
a. Evergreen b. Deciduous c. Partially dioceous d. All
- 116 Which one of the following variety of banana is diploid?
a. Poovan b. Monthan c. Ney Poovan d. Sirumalas
- 117 Fruit drop in citrus can be controlled by
a. 2, 4-D b. CCC c. IBA d. ABA
- 118 Chrysanthemum is national flower of
a. China b. England c. Japan d. None
- 119 Kalipak is obtained from
a. Green fruit b. Flowers c. Ripe fruits d. Both A and B
- 120 Which of the following is incorrect?
a. perimmon -2n=90 b. Avocado=2n-40 c. kiwi-2n=24 d. Pistachionut =2n=30
- 121 Which of the following is anti-auxin?
a. TIBA b. Caumarin c. Malic Acid d. All
- 122 Little leaf of citrus is due to the deficiency of
a. Cu b. Mn c. B d. Zn
- 123 The oil percent in roce (R. damascena) is
a. 0.05% b. 0.1% c. 0.01% d. 1.0%
- 124 Java plum shows parthenocarpy
a. Advantious b. Nuceller c. Both a and b d. None
- 125 The term heterosis was coined by
a. East b. Shull c. Jones d. both a and b
- 126 Hermaphrodite cultivar of ridge gourd is
a. Satputia b. Pusa Chikni c. Both a and c d. None
- 127 Carrot belongs to the family
a. Brassicaceae b. Umbeliferae c. Leguminaceae d. Lauraceae
- 128 Onion is cross pollinated because of
a. protandry b. male sterility c. Protogyny d. All
- 129 Maximum area under floriculture is in
a. Maharashtra b. Uttar Pradesh c. Karnataka d. Tamil Nadu
- 130 'Thy Byjant Part' is situated at
a. Conoot(Tamil Nadu) b. Chandigarh c. Kodikanal d. New Delhi
- 131 Book 'Beautiful garden' is written by
a. V.Swarup b. M.S. Randhawa c. K. Bhatnagar d. None
- 132 Maximum cut flower production is in
a. Uttar Pradesh b. Kerala c. Tamil Nadu d. West Bengal
- 133 Which of the following is not correct?
a. Carnation- Women's lover b. Iris- Message c. Stock- Luxury d. Daffodil-Pride
- 134 Hollyhoek is used for
a. Hanging basket b. pots c. Screening d. Peculiar shape
- 135 Pansy belongs to the family
a. Labiateae b. Violaceae c. Tropacolaceae d. Companulaceae
- 136 Which shrub has umbrella like structure?
a. Spartium junceum b. Schefflera spp. c. osyris ortexia d. None
- 137 Flame of forest is
a. Mahua b. Bottle brush c. palas d. Siris
- 138 Pomea palmata has flowers
a. White b. Red c. Pink/ purple d. Yellow
- 139 Oreodoxa regia is
a. Royal palm b. Fish tail palm c. Travellers palm d. Chinese palm
- 140 Rockery is a main feature of
a. English garden b. Mughal garden c. Persian garden d. Japanese garden
- 141 Suchitra is a thornless variety of
a. Rose b. Orchid c. Tulip d. Dahlia
- 142 Fruit and vegetable processing was started in

- a. 1927
- 143 Which one of the following is not correct? b. 1932 c. 1925 d. 1940
- 144 a. Wine-Berry (Grape) b. Nira-Palm c. Feni-Date palm d. Cider – apple
- 145 TSS of squash is a. 15-18 b. 30-35 c. 40-50 d. 55-60
- 146 Calorific value of walnut is a. 685 per 100 gm b. 687 per 100 gm c. 690 per 100 gm d. 655 per 100 gm
- 147 Stigma is used as a spice of a. Vanilla b. Saffron c. Clove d. None
- 148 Vanilla is developed due to the action of enzyme a. α -glycoside b. β -glycoside c. Both a and b d. None
- 149 Aspxginase is found in a. Green chillies b. Bell pepper c. Red chillies d. Bird chilli
- 150 Which one of the following is not correct? a. Belladonna – Atropine b. Fuxglove – Digituxin c. Aswagandha – Sennosides d. Cinchona- Puinina
- 151 Which one of the following is not correct? a. Davana-Asteraceae b. Muskanda-Malvaceae c. Citronella-Germinae d. Kewada-Cannabinaceae
- 152 Match the following
- | | | | |
|---|-------------------|---|--------|
| A | Cassia fistula | 1 | Blue |
| B | Sweet alyssum | 2 | Orange |
| C | Jaccaranda indica | 3 | White |
| D | Erythrina indica | 4 | Yellow |
| E | Quisqualis indica | 5 | Pink |
- 152 A Caramhola 1 Moraceae
 B Bread fruit 2 Rhamnaceae
 C Ber 3 Guttriferaceae
 D Mangaosteen 4 Oxillidaceae
 E Karonda 5 Apocynaceae
- 153 A Apple 1 Mcintosh
 B Guava 2 Apple colour
 C Aonal 3 Neelum
 D Pomegranate 4 Spanish ruby
 E Banana 5 Moongli
- 154 A Mango 1 Troyer citrange
 B Rose 2 M-27
 C Apple 3 R. multiflora
 D Guava 4 P. fridrichsthalionum
 E Citrus 5 Olour
- 155 A India 1 Lili
 B Japan 2 Tulip
 C Italy 3 Lotus
 D Germany 4 Chrysanthemum
 E Netherlands 5 Corn flower
- 156 A Cloudy jelly 1 Due to mould
 B Crystallization jelly 2 0.5-0.6%
 C Pectin in jelly 3 Due to excess sugar
 D Acidity in jam 4 Due to over cooking
 E Browning of marmalade 5 0.5-1%
- 157 A Tea 1 Andhra Pradesh
 B Cocoa 2 Uttar Pradesh
 C Mango 3 Assam
 D Grape 4 Kerala
 E Guava 5 Maharashtra
- 158 A Legume inoculant 1 Glomus
 B Free living organism 2 Basidiomycetes
 C Blue green algae 3 Nostoc
 D Ectotrophic mycorrhizae 4 Rhizobium
 E Endotrophic mycorrhizae 5 Azotobactor
- 159 A CPRI 1 Solan
 B NRCO 2 Gangtok
 C NRCM 3 Tiruchirapalli
 D NRCG 4 Pune
 E NRCB 5 Shimla
- 160 A Oyster mushroom 1 *Strophacia ruguso annulata*
 B Shittake mushroom 2 *Colocyge indica*
 C Black ear mashroom 3 *Auricularia polytricha*
 D Milky mashroom 4 *Letinuki edodes*
 E Giant mashroom 5 *Pluratus sajar*

Key answers for model test-2

KEY ANSWERS

1,d. 2,c. 3,c. 4,b. 5,a. 6,d. 7,b. 8,b. 9,c. 10,b.
11,a. 12,c. 13,d. 14,b. 15,c. 16,b. 17,d. 18,a. 19,a. 20,b.
21,b. 22,b. 23,c. 24,b. 25,a. 26,a. 27,a. 28,c. 29,d. 30,a.
31,b. 32,a. 33,a. 34,c. 35,b. 36,a. 37,d. 38,a. 39,b. 40,b.
41,b. 42,b. 43,b. 44,b. 45,a. 46,d. 47,a. 48,a. 49,a. 50,a.
51,a. 52,a. 53,c. 54,c. 55,c. 56,c. 57,c. 58,c. 59,c. 60,c.
61,d. 62,c. 63,c. 64,c. 65,c. 66,d. 67,b. 68,b. 69,c. 70,b.
71,a. 72,d. 73,a. 74,d. 75,a. 76,b. 77,c. 78,a. 79,d. 80,c.
81,b. 82,a. 83,c. 84,c. 85,c. 86,b. 87,c. 88,b. 89,d. 90,c.
91,b. 92,c. 93,a. 94,d. 95,b. 96,a. 97,b. 98,b. 99,b. 100,c.
101,b. 102,c. 103,a. 104,d. 105,b. 106,a. 107,d. 108,c. 109,c. 110,d.
111,b. 112,d. 113,d. 114,d. 115,b. 116,c. 117,a. 118,c. 119,a. 120,b.
121,d. 122,d. 123,a. 124,b. 125,b. 126,a. 127,b. 128,a. 129,c. 130,c.
131,b. 132,d. 133,d. 134,c. 135,b. 136,b. 137,c. 138,c. 139,a. 140,a.
141,a. 142,a. 143,c. 144,c. 145,b. 146,b. 147,b. 148,a. 149,c. 150,d.
151. A-4, B-3 , C-1, D-2, E-5 156. A-4, B-3 , C-2, D-5, E-1,
152. A-4, B-1 , C-2, D-3, E-5, 157. A-3, B-4, C-1, D-5 , E-2
153. A-1, B-2 , C-3, D-4 , E-5 158. A-4, B-5 , C-3, D-2 , E-1
154. A-5, B-3 , C-2, D-4, E-1 159. A-5, B-2 , C-1, D-4 , E-3
155. A-3, B-4, C-1, D-5 , E-2 160. A-5, B-4 , C-3, D-2 , E-1

Note: numbers for serial and alphabets for answers.

7/20/12