

ICAR-JRF-EXAM-2017

MOCK TEST SERIES

HORTICULTURE PART-1

(Spices, Plantations, Medicinal and Aromatic crops)

Prepared

By

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M.Sc. (Spices and Plantation Crops/Medicinal &Aromatic Plants)

DEPARTMENT OF SPICES AND PLANTATION CROPS/MEDICINAL &AROMATIC PLANTS



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HORTICULTURE...GYAN

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(Spices, Plantation, Medicinal and Aromatic crops)

- 1) Which variety are tolerant to katte virus ?
a) Avinash b) Vijetha c) Coorg Suvasini d) PV- 1.
2. Diploid varieties of apple-----
A) self fruitful b) self unfruitful c) both d) none
3. Common blight of bean was caused by-----
A) virus b) bacteria c) fungus d) algae
4. Colorful bracts are seen in -----
A) Bougainvillea b) Mussanda c) both d) none
5. FCI was established in-----
A) 1965 b) 1975 c) 1985 d) 1995
6. Max economical yielding of vanilla observed upto -----years
A) 5 b) 10 c) 15 d) 20
7. Kalipak is prepared from-----
A) ripe nuts b) unripe nuts c) both d) none
8. Solo series of papaya developed by-----
A) kurien b) swaminathan c) Higgins d) kalia
9. NRC for spices estd. In-----
A) 1976 b) 1986 c) 1996 d) 2006
10. Spices act-----
A) 1976 b) 1986 c) 1996 d) 2006
11. Cultivated turmeric is a -----
A) tetraploid b) diploid c) haploid d) none

12. Precursor for cytokinin is -----
A) Adenine b) guanine c) cytosine d) urasil
13. New addition under plantation crops in india is-----
A) Arecanut b) coconut c) oilpalm d) Cashewnut
14. resinous canals are the characteristic feature of the family-----
A) anacardiceae b) guttiferaceae C) palmae d) musaceae
15. which river has max. Area under cultivation-----
A) Godavari b) Krishna c) ganga d) Yamuna
16. mercury is found in the vegetable-----
A) methi b) menthi c) raddish d) tomato
17. "Nutmeg act" was enforced in -----
A) 1967 b) 1987 c) 1997 d) 2007
18. tap root of raddish is called as-----
A) sinki b) konki c) chamki d) none
19. if salenometer reading is 60 brix then salt concentration is-----
A) 15 b) 30 c) 45 d) 60
20. lye peeling is done at-----temp
A) 45 b) 60 c) 80 d) 93
21. "green china" is a trade name of -----
A) coffee b) cucumber c) cashew d) tea
22. study of tea is called as-----
A) camology b) tsiology c) teology d) none

23. "Skiffing" practiced in -----

A)coconut b)tea c)arecanut d)coffee

24. "Skuffing" is practiced in -----

A)coconut b)tea c)arecanut d)coffee

25.Tocklai tea exp.station present in -----

A)A.P B)T.N C)BIHAR D)ASSAM

26.yellowing of tea leaves is due to -----deficiency

A)S b)K c)fe d)Mn

27.coffee is a -----day plant

A)short day b)long day c)day neutral d)none

28.food of god is -----

A) coffee b)cocoa c)cashew d)almond

29.young fruits of cocoa are called as-----

A)nuts b)cherelle c)both d)none

30.mode of pollination in cocoa-----

A)insects b)water c)both d)none 

31.cocoa family -----

A)sterculiaceae b)palmae c)theaceae d)none of above 

32.cotyledon colour of forastero type cocoa-----

A)yellow b)purple c)red d)green 

33.coffee was first introduced in -----

A)A.P b)K.N C)TN d)ASSAM

34. silver oak used as -----shade plant in coffee plantations

A) temporary b) permanent c) both d) none

35. coffee rust caused by-----

A) hamelia b) xylothechus c) hypothylenemus d) pratylenchus

36. coconut is also called as -----

A) tree of heaven b) kalpavriksha c) tree of life d) all the above

37. sunlight requirement for coconut is about -----hrs/year

A) 2000 b) 3000 c) 4000 d) 6000

38. tall coconut plants pollination type -----

A) self b) cross c) both d) none

39. crown chocking or button shedding of coconut is due to-----
deficiency

A) boron b) zn c) fe d) ca

40. chromosomal no. Of arecanut-----

A) 22 b) 32 c) 36 d) 40



41. sweet kernel arecanut sps is-----

A) a.c var .deliciousa b) var.centa c) both d) none



42. purpose of cashew nut introduction in india-----

A) waste land conversion b) reduce soil erosion

C) both d) none

43. Grading of cashew done by -----

A) weight b) counts c) both d) none

44. BPP series of cashew was released by -----
A) A.P b) T.N C) K.N D) K.L
45. highest yielding rubber clone in world RR1105 released by-----
A) india b) Malaysia c) kenya d) USA
46. best tapping depth of rubber -----close to cambium
A) 1mm b) 1cm c) 1m d) 1km
47. "tree of life" is called by-----
A) coconut b) arecanut c) cashew nut d) palmyrah
48. which of the palmyrah palm is longer duration tapable-----
A) male palm b) female palm c) both d) none
49. only oilpalm research station in india located at-----
A) pedavegi, A.P b) coimbatore, T.N c) Bangalore K.N D) IARI
50. hybrid of the oilpalm is -----
A) dura b) tenera c) pisifera d) none
51. mode of pollination and propagation in oil palm is-----
A) weevil & seed b) wind & cutting c) all above d) none of the above
52. ablation and stripping are done in which of the following crop-----
A) coconut b) arecanut c) cashewnut d) oilpalm
53. yellow leaf disease in arecanut caused by -----
A) bacteria b) virus c) algae d) MLO

54. maximum chilli producing and exporting state in india is-----

A)T.N b)K.L C)K.N D)A.P

55. Aril is a useful part of -----

A)clove b)nutmeg c)coriander d)fennel



56. which of the following spice is mostly used for colouring----

A)coriander b)cumin c)saffron d)zinger

57. useful part of rosemary is -----

A)seed b) leaf c)root d)all of the above

58. rosemary is a -----

A)tree spice b)herbal spice c)major spice d)all the above

59. cultivated black pepper is -----

A)andromonoecious b)gynomonoecious c)dioecious

D)none of the above

60. pollination in pepper is by -----

A)insects b)wind c)water d)none of the above

61. fruiting branches in pepper are called as -----

A)orthotrops b)geotrops c)plagiotrops d)all of the above

62. karimunda is a variety of-----

A)black pepper b)cardamom c) clove d)rubber

63. drying recovery of white pepper is -----%

A)33% b)25% c)50% d)100%

64. cardamom research station located at-----

A) kerala b)t.n c)a.p d)k.n

65. which of the following is a type of cardamom-----

A)mysore type b)Malabar type c)vahzukka type d)all the above

66. fruit type of cardamom is -----

A)capsule b)pod c)bean d)none of the above

67. outer visible stem of ginger is -----

A>true stem b)pseudo stem c)both d)none

68. inflorescence type of ginger is-----

A)spike b)catkin c)panicle d)hypanthodium

69. mutant variety of ginger is -----

A)suprabha b)suruchi c)surabhi d)surari

70. major producer and exporter of turmeric in the world is -----

A)india b)china c) Nepal d)srilanka

71. *curcuma amada* is -----

A)cochin turmeric b)white turmeric c)mango ginger d)none of the above

72. family of the coriander is -----

A)apiaceae b)umbelliferae c)both d)none



73. sindhu ,sadhana ,swathi varieties of coriander released from-----

A)Guntur a.p b)kodaikenal t.n c)bengalore k.n d)tiruvananthapuram
k.l



74. powdery mildew disease of coriander is due to-----

A)protomyces b)heteromyces c)erysiphae d)none



75. family of fenugreek is----------

A) leguminaceae b) fabaceae c) papilionaceae d) all the above


76) Main component of allspice are....

A) Cinnamaldehyde b) Eugenol c) Chavicol  d) Carvone.

78) Which spice are consider is universal spice of India ?

A) Black pepper b) Cinnamon c) Allspice d) Saffron.

79) Botanical name of Tamarind ?

A) *Garcinia combogia* b) *Tamarind indi*  c) *Crocus sativus* d) *Vanillia planifolia*.

78) Which famiy belong to Tamarind.... ?

A) Rutaceae b) Myrtaceae c) Fabaceae d) Solanaceae.

79) Tamarind are rich source of which a acid ?

A) Citric acid b) Tartaric acid c) Folic acid d) Both a & b.

80) Sweet tamarind consider as a.... ?

A) Indian ber b) Indian fig c) Indian date d) Indian pepper.

81) Garcinia also known as.... ?

A) Kundanpuli b) Fruit of tropics c) Dessert fruit d) Queen of beverages.

82) Garcinia is which type of tree ?

A) Evergreen, Monoecious b) Deciduous, Monoecious

C) Evergreen, Dioecious d) None of above.

83) Garcinia belongs to which family ?

A) Iridaceae b) Lauraceae c) Rosaceae d) Clusiaceae.


84) Garcinia is rich source of which acid ?

A) Lactic acid b) Citric acid c) Tartaric acid d) Malic acid.

85) Which is improved variety of garcinia ?

A) Konkan – Sugandha b) Konkan – Amruta c) Navashree d) Nithyashree.

86) Botanical name of vanilla ?

A) *Ferula asafoetida* b) *Piper betle* c) *Allium sativum* d) *Vanilla planifolia*. 

87) Vanilla belong to family ? 

A) Orchidaceae b) Iridaceae c) fabaceae d) Rutaceae.

88) Which is main flavouring chemical present in vanilla ?

A) Menthol b) Linalool c) Vanillin d) Ferumine.

89) Vanilla are propagated by.... ?

A) Leaf cuttings b) Root cuttings c) Budding d) Stem cuttings.

90) Stamen and pistil united with petals modified lip like structure is called... ?

A) Thorn b) Spadix c) Labellum d) Tendrils.

91) Self pollination not texplace due to presence... ?

A) Rostellum structure b) Dichogamy c) Position of anther d) None of above.

92) In vanilla cross pollination texplace, which is pollinating agent ?


A) Malapone bees b) House fly c) Humming birds d) Both a & c.

93) The peculiar structure of rostellum, hand pollination by hand for fruit setting is the rule in which plant ?

A) Black pepper b) Saffron c) Vanilla d) Clove.

94) For extraction of vanillin which method are used ?

A) Solvent extraction b) Hydro- alcoholic c) Steam distillation d) hydro distillation.


 Edible part of cinnamon... ?

A) Seed b) bark c) Flower d) Root.

96) India is also known as.....?

A) Home of spices b) Heaven of spices c) Country of spices d) None of above.

97) Which state consider as Spice bowl of India?

A) Karnataka b) Kerala c) Telangana d) Rajasthan 

98) Which state leading producer of spices in 2013 – 2014?

A) Rajasthan b) Kerala c) Gujarat d) Telangana.

99) Which state occupies major area under spice production in the year 2013 – 2014 ?

A) Andhra Pradesh b) Telangana c) Gujarat d) Rajasthan.

100) Which spices earned maximum price for export in the year 2013 – 2014 ?

A) Chilli b) Black pepper c) Turmeric d) Ginger.

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