

UNIVERSITY OF AGRICULTURAL AND HORTICULTURAL SCIENCES, SHIVAMOGGA
COLLEGE OF HORTICULTURE, HIRIYUR

PMAS-JRF Test

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I. Chose the appropriate answer

1. Coppicing is practices in
a) Ipecac b) Dioscorea c) Datura d) Cinchona ✓
2. Rhizome rot tolerant variety of Ginger
a) Surabhi b) Surachi c) Himgiri d) Wynad Monoldi ✓
3. Essential oils are chemically
a) Alkaloids b) Terpenes c) Steroids d) Glycosides ✓
4. Propagation of small cardamom is
a) Rhizomes b) Suckers c) Seeds d) Cuttings ✓
5. Foxglove is the source of
a) Cardio glycoside b) Laxative c) Anti-fertility d) Colchicine ✓
6. Nutmeg is
a) Monoecious b) Dioecious c) Protandry d) Hermaphrodite ✓
7. Curry leaf is
a) Self palliated b) Cross pollinated c) Often-Cross pollinated d) None ✓
8. K-8 is the variety of
a) Coleus forskolhii b) Cassia angustifolia c) Solanum khasianum d) Dioscorea sp. ✓
9. Costus is substitute for
a) Ipecac b) Liquorice c) Dioscorea d) Vinca ✓
10. Nityashree is the variety of
a) Nutmeg b) Cinnamon c) Pepper d) Clove ✓
11. The Hybrid cultivar of Coconut which is cross between WCT X Ganga Bondam
a) Ananda Ganga b) Kera Ganga c) Laksha Ganga d) Chandra Kalpa ✓
12. Henbane belongs to the Family
a) Leguminaceae b) Solanaceae c) Apiaceae d) Apocynaceae ✓
13. Jasmine flowers are commonly extracted by
a) Steam Distillation b) Enflourage c) Maceration d) Water Distillation ✓
14. Assisted pollination is practiced in
a) Coconut b) Arecanut c) Cashew d) Oil Palm ✓
15. Sugandhi is a famous cultivar of
a) Khus b) Lemongrass c) Lavender d) Basil ✓
16. Diploid chromosome number of Turmeric $2n=$
a) 40 b) 44 c) 60 d) 62 ✓
17. Seed rate of cumin iskg/ha
a) 6-8 b) 12-15 c) 2-3 d) 3-5 ✓
18. 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 ✓
19. Seed rate of Coriander (Rainfed) iskg/ha
a) 5-10 b) 10-15 c) 15-20 d) 25-30 ✓
20. Black Pepper requires.....months to ripe fruits from flowering stage
a) 2-4 b) 4-6 c) 6-8 d) 8-10 months ✓
21. Which of the following is the economic part of Ipecac?
a) Seeds b) Roots c) Aerial roots d) Leaves ✓
22. Alcohol content in fermented toddy is.....%

- a) 1 b) 3 c) 5 d) 7 ✓
23. Largest producer of Cinnamon bark
a) India b) Indonesia c) Srilanka d) Iran ✓
24. Botanically coffee fruit is a
a) Drupe b) Berry c) Capsule d) Aggregated berry ✓
25. Botanically cardamom fruit is a
a) Drupe b) Berry c) Capsule d) Aggregated berry ✓
26. Coconut water contains% of Water
a) 96 b) 94.5 c) 96.5 d) 94 ✓
27. Azhukala rot disease of cardamom is more severe in
a) Winter b) Rainy c) Summer d) Autumn ✓
28. The first step in the processing of tea
a) Harvesting b) Washing c) Weathering d) Curing ✓
29. Plants those loves sunshine are known as
a) Geotrop b) Plagiotrop c) Heliotrop d) Psezotrop ✓
30. Sreemangala is a selection of arecanut from
a) China b) Indonesia c) Singapore d) Argentina ✓
31. Garlic crop can be harvested in
a) 80-100 days b) 100-120 c) 120-160 d) 170-180 days NA
32. King of Bitter belongs to the family
a) Araceae b) Apocynaceae c) Acathaceae d) Lamiaceae ✓
33. Flowering Season of Clove (in plains) is
a) Jan-Feb b) April- May c) June-July d) Sep-Oct. ✓
34. Shell is absent in
a) Dura b) Tenera c) Picifera d) None ✓
35. Term 'Skiffing' is associated with
a) Tea b) Coffee c) Coconut d) Cardamom ✓
36. Popular sweet drink obtains from the Sugary Palm is
a) Toddy b) Fenny c) Neera d) Perry ✓
37. Optimum temperature for proper growth of coconut plant is.....°C
a) 20... b) 25 c) 27 d) 30 ✓
38. Oil of Indian basil has which chemical Substance?
a) Citrol b) Farnesol c) Methyl Chavicol d) Limonine ✓
39. The word horticulture is derived from
a) English b) Latin c) German d) Greek ✓
40. Betel vine is trained on
a) Pergolas b) Y-trellis c) Bareja d) Bower System ✓
41. Dill is native of
a) Mediterranean b) Europe c) India d) Eurasia ✓
42. Largest exporter of Isabgol
a) Thailand b) Europe c) India d) China ✓
43. Major producer of Citronella Oil
a) Thailand b) Europe c) India d) China ✓
44. Mulathi roots having the principle constituent of
a) Cephaline b) Quinine c) Glycyrhizin d) Reserpine ✓
45. *Ocimum canum* having the diploid chromosome number of $2n=$
a) 20 b) 22 c) 24 d) 28 ✓
46. Japanese mint botanically called as
a) Mentha arvensis b) *M. piperita* c) *M. citrata* d) *M. spicata* ✓
47. Arka Mahima is a

- a) Diploid b) Triploid e) Tetraploid d) Hexaploid ✓
 48. Seed rate of Senna (kg/ha) is
 a) 5 b) 10 c) 15 d) 20 ✓
 49. Arka Ashwini is the variety of
 a) Cowhage b) Khus Khus c) Aloe Vera d) Kalmegh ✓
 50. Harvesting season of Saffron is
 a) Jan-Feb b) Mar-Apr e) Oct-Nov d) June-July ✓

II. Fill in the blanks

1. Arka Upkar is a high yielding clone of Dioscorea which is selection from FB-101 ✓
2. Economic part of Bishop Weed is leaves & roots
3. Rio De Janeiro cultivar of Ginger produces yield of _____ tones/ha 35-35 NA
4. Katte disease of Cardamom is transmitted by Aphid through a vector _____ ✗
5. Lancing is related to opium crop ✓
6. Leafy top (Fruiting branches) produced from nodes of main stem grows laterally of main stem grows laterally NA
7. Rapid multiplication technique was developed by IISR Coimbatore ✓
8. *Trigonella Foenun gracem* produces white coloured flowers ✗ Yellow
9. Vazhukkha is type of cardamom which is cross between _____ NA Mylova x Mlona
10. Turmeric rhizomes contains 1.8-5.1% of Curcumin
11. Foxglove belongs to the family Scrophulariaceae ^{11.8-5.14}
12. Rajendra Swati is resistant Stem gall disease ✓
13. Panniyur-3 is a hybrid cross between Uttara Kotta x Choolyakanikadan
14. Single nutmeg fruit contains 3-4 gms of mace ✓
15. Bay leaf (*Laurus nobilis*) belongs to the family _____ NA
16. Purest and most expensive saffron is Shilla ✓
17. Spice Board started in the year 1987 NA 1987 Feb 05
18. Expand UPASI united planters Association South India ✓
19. Expand CTC cut root cycle ✓
20. Expand BROP-1 _____ NA (NBRI)
21. *Coffea arabica* is Self pollinated species ✓
22. Stevia belongs to the family _____ NA
23. Origin of Medicinal Solanum India ✓
24. L-Dopol Chemical present in _____ crop & used against _____ disease NA cowhage Parkinson
25. V shaped gaps in the fronds is the major symptom caused by Phinid insect pest ✓
26. Fruit type of Black Pepper is Single seeded berry ✓
27. Fruit type of Allspice is Berry ✓ capsule ✓ berry ✓
28. India Country is the largest producer, consumer and exporter of Spices ✓
29. Thanjavur wilt is caused by Fusarium oxysporum ✓
30. Rosemary belongs to the family Crossinaceae ✓ Palouca ✓
31. Konkan Amrit is the variety of Kakam ✓
32. Sarphagandha is used to treat Scalds, Cuts, blood pressure ✓
33. Chrysanthemum & C. couinea are the synthetic pyrethrum producing Chrysanthemum species Cinorhiza ✓
34. Oilpalm pollinating weevil Beccitharis kasseri ✓
35. Recovery percentage of white pepper from green pepper is 25% ✓ Black pepper - 33% 82-27
36. RCr-41 is cultivar of Coriander developed by CIMAP ✓
37. Most popular cultivar of Black Pepper in Kerala region Panniyur 1 & 2 ✓ Koimunda
38. Land of Spices India ✓

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Pri

Cim-megha

- 39. Winter Cherry is also called as Amelanchier Indian cherry
- 40. Variety of Kalmegh released from CIMAP, Lucknow is pinkita
- 41. Acorus is commonly called as Sweet flag NA
- 42. Arka Dhanvantri belongs to the crop Neem cowhage
- 43. Vetiver is introduced to India as crop Good soil binder
- 44. Saffron yield _____ kg/ha 5 kg of dried stigmas
- 45. Family of Nutmeg Mycobacter
- 46. Medicinal plant used for contraceptive pills Medicinal yeast
- 47. Seed rate of Turmeric (Rhizomes) qnths/ha 25 NA 25
- 48. Saffron: J&K :: Cumin Kerala Gujarat
- 49. Turmeric: A.P. :: Fennel Rajasthan
- 50. Vanilla : Vanillin:: Fenugreek Tripurillo