

Right - 62
Wrong - 27
NA - 17

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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) Leguminacea b) Solanaceae c) Apiaceae d) Apocynaceae ✓
13. Jasmine flowers are commonly extracted by
a) Steam Distillation b) Enfluerage 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) Pseztotrop ✓
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 cocónut 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) Glycyrrhizin 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

48. Seed rate of Senna (kg/ha) is
 a) 5 ✓ b) 10 c) 15 d) 20 ✓
 e) Tetraploid d) Hexaploid ✓
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 c) Oct-Nov ✓ d) June-July ✓

I. Fill in the blanks

- Arka Upkar is a high yielding clone of Dioscorea which is selection from FB-10 ✓
- Economic part of Bishop Weed is leaves & roots
- Rio De Janeiro cultivar of Ginger produces yield of _____ tones/ha 35-35 NA
- Katte disease of Cardamom is transmitted by Sphero through a vector
- Lancing is related to opium crop ✓
- Leafy shoot (Fruiting branches) produced from nodes of main stem grows laterally of main stem grows laterally NA
- Rapid multiplication technique was developed by IISD Coimbatore
- Trigonella Foenum gracem* produces white coloured flowers ✓ yellow NA
- Vazhukkha is type of cardamom which is cross between _____ NA mylon
- Turmeric rhizomes contains 1.8-5.4 % of Curcumin
- Foxglove belongs to the family Scrophulariaceae ✓ 1.8-5.4 NA
- Rajendra Swati is resistant Stem gall disease ✓ Stem gall
- Panniyur-3 is a hybrid cross between Uttara Kotta x Chodiyakoni Koda
- Single nutmeg fruit contains 3-4 gms of mace
- Bay leaf (*Laurus nobilis*) belongs to the family _____ NA
- Purest and most expensive saffron is Shilla ✓
- Spice Board started in the year 1987 NA 1987 Feb 05
- Expand UPASI wire led plant Arakshoo Sukh Arak ✓
- Expand CTC cut seed cost ✓
- Expand BROP-1 _____ NA (NBRI)
- Coffea arabica* is Self pollinated species ✓
- Stevia belongs to the family _____ NA
- Origin of Medicinal Solanum India ✓
- L-Dopol Chemical present in _____ crop & used against _____ disease NA cowhage parkinson
- V shaped gaps in the fronds is the major symptom caused by Phenacoccus insect pest ✓
- Fruit type of Black Pepper is Simple leaved berry ✓ berry
- Fruit type of Allspice is Berry ✓ Berry
- India Country is the largest producer, consumer and exporter of Spices ✓
- Thanjavur wilt is caused by Fusarium oxysporum ✓
- Rosemary belongs to the family Citronaceae ✓ Palouca
- Konkan Amrit is the variety of Kakara ✓
- Sarphagandha is used to treat Scold fire, Condole blood pressure
- Chrysanthemum & C. wincea are the synthetic pyrethrum producing Chrysanthemum species Cinorhiza ✓
- Oilpalm pollinating weevil Beccithorax koonertus ✓
- Recovery percentage of white pepper from green pepper is 25% ✓ Black pepper - 33% 22-27
- RCr-41 is cultivar of Coriander developed by CIMAP ✓
- Most popular cultivar of Black Pepper in Kerala region Panniyur 1 & 2 ✓
- Land of Spices India ✓ Koimonda

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39. Winter Cherry is also called as Amharu Indian winged
40. Variety of Kalmegh released from CIMAP, Lucknow is prabhita ✓
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 Mystecaceae ✓
46. Medicinal plant used for contraceptive pills Opium Medicinal plant
47. Seed rate of Turmeric (Rhizomes) qnths/ha 25 NA 25
48. Saffron: J&K :: Cumin keola Gujarat NA 25
49. Turmeric: A.P. :: Fennel Rajasthan
50. Vanilla : Vanillin :: Fenugreek Tripurillo ✓

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Lucknow