1. ‘Ca’, ‘Mg’, and ‘S’ utilized by the plant from the soil are considered as:
   (A) Major nutrients (B) Secondary nutrients
   (C) Micro nutrients (D) Trace elements

2. Class of seed designed for use by farmers in sowing:
   (A) Registered Seeds (B) Certified Seeds
   (C) Breeder Seeds (D) Foundation Seeds

3. ______ is not a mechanical method of weed control.
   (A) Hoeing (B) Hand pulling
   (C) Smother Crops (D) Mowing

4. Emitters, filter unit etc are associated with:
   (A) Drip Irrigation (B) Sprinkler Irrigation
   (C) Over Head Irrigation (D) Flood Irrigation

5. Layering type in plants with flexible branches:
   (A) Air layering (B) Simple layering
   (C) Mount layering (D) Trench layering

6. Pepper variety cultivated in comparatively open areas:
   (A) Panniyur-1 (B) Panniyur-2
   (C) Panniyur-4 (D) Pournami

7. Kerachandra is also known as:
   (A) Andaman Ordinary (B) Philippines Ordinary
   (C) Lakshadweep Ordinary (D) Java

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8. Most appropriate propagating material for banana:
   (A) Sword sucker   (B) Water sucker
   (C) Seeds          (D) Pseudostem

9. Microorganism used for the coirpith composting:
   (A) bacillus Sp    (B) eudrillus Sp
   (C) pleurotus Sp   (D) glomus Sp

10. Irrigation suitable for potato, sugar beet, raddish:
    (A) Check Basin   (B) Ring basin
     (C) Flooding     (D) Furrow

11. Best species of earthworm for vermi technology:
    (A) Perinonyx excavatus   (B) Pleurotus Sp
     (C) Eudrillus euginae    (D) Isenia foetida

12. Which of the essential elements imparts dark green colour of the Leaves and promote vegetative growth?
    (A) Potassium          (B) Phosphorus
     (C) Nitrogen          (D) Magnesium

13. Maximum permissible moisture content of rice:
    (A) 13%              (B) 15%
     (C) 18%              (D) 20%

14. A transplanted crop:
    (A) Cotton           (B) Potato
     (C) Chilly          (D) Maize

15. Repotting of bush pepper is done in every:
    (A) One year         (B) Three years
     (C) Two years       (D) Five years
16. A poisonous weed:
   (A) Parthenium
   (B) Lantana
   (C) Cynodon
   (D) Cyperus

17. Trickle Irrigation is:
   (A) Ring Irrigation
   (B) Sprinkler Irrigation
   (C) Over Head Irrigation
   (D) Drip Irrigation

18. A mobile element:
   (A) Calcium
   (B) Iron
   (C) Sulphur
   (D) Magnesium

19. Most beneficial form of soil structure for plant growth:
   (A) Loamy soil
   (B) Silty soil
   (C) Granular soil
   (D) Platy soil

20. A selective herbicide for controlling broad leaved weeds:
   (A) 2, 4-D
   (B) Dalapon
   (C) Glyphosate
   (D) Paraquat

21. Operation that is not related with the processing of rice:
   (A) Whitening
   (B) Milling
   (C) Polishing
   (D) Dehusking

22. The C:N ratio of coirpith after composting is:
   (A) 112:1
   (B) 32:1
   (C) 55:1
   (D) 24:1

23. Water applied to the soil in the form of thin spray from above:
   (A) Sprinkler Irrigation
   (B) Drip Irrigation
   (C) Trickle Irrigation
   (D) Flood Irrigation
24. Whiptail in cauliflower is caused by the deficiency of:
   
   (A) Zinc  
   (C) Molybdenum  
   (B) Manganese  
   (D) Boron  

25. Weeds valued for religious purposes:
   
   (A) Eichhornia crassipes  
   (C) Imperata cylindrica  
   (B) Amaranthus Sp  
   (D) Ocimum sanctum  

26. Generally virippu season of rice extends from:
   
   (A) April – May to Sept – Oct  
   (C) Dec – Jan to Mar – April  
   (B) Sept – Oct to Dec – Jan  
   (D) April to Aug  

27. Intensive tapping in rubber trees prior to replanting is called:
   
   (A) Rain guarding  
   (C) Slaughter tapping  
   (B) Tapping  
   (D) Tapping rest  

28. A Banana variety suitable for intercropping in coconut:
   
   (A) Poovan  
   (C) Robusta  
   (B) Palayan Kodan  
   (D) Cavendish  

29. Tag to identify registered seed is:
   
   (A) Purple  
   (C) White  
   (B) Blue  
   (D) Yellow  

30. Fore wings of bug are called:
   
   (A) Elytra  
   (C) Halteres  
   (B) Membranous  
   (D) Hemelytra  

31. Water Hyacinth is controlled using:
   
   (A) Cryptobagous weevil  
   (C) Zygogramma beetle  
   (B) Neochitinia weevil  
   (D) Crocisodea moth
32. A good quality coconut seedling have a collar girth of:
   (A) 5 to 6 cm         (B) 10 to 12 cm
   (C) 17 to 18 cm       (D) 20 cm

33. Whole rice panicle is transformed into cylindrical rod in ———— disease.
   (A) Udbatta             (B) False smut
   (C) Stack Burn          (D) Brown spot

34. Which is not a predator?
   (A) Lady bird beetle   (B) Cricket
   (C) Spider             (D) Trichogramma

35. Which among the following is not a green manuring ‘insitu’?
   (A) Dhaincha           (B) Cow pea
   (C) Sunnhemp           (D) Leucaena

36. A bio fertilizer which improves the uptake of phosphorus by inoculated plant:
   (A) Rhizobium          (B) VAM
   (C) Azotobacter        (D) Azospirillum

37. Disease free planting material in banana is obtained through:
   (A) Tissue culture     (B) Suckers
   (C) Seeds              (D) Sword sucker

38. Legless larva:
   (A) Caterpillar        (B) Maggot
   (C) Nymph              (D) Grub

39. Tunnels seen and stunting of rhizome are associated with:
   (A) Banana Pseudo stem weevil (B) Banana rhizome weevil
   (C) Aphid               (D) Spindle bug

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40. Which among the following is not a low analysis fertilizer?
   (A) Single super phosphate  (B) Sodium citrate
   (C) Urea  (D) Calcium nitrate

41. Preparing seed bed, reducing ped size, weed control, incorporating fertilizer are associated with:
   (A) Primary tillage  (B) Secondary tillage
   (C) Inter tillage  (D) Summer tillage

42. _______ refers to the amount of water required by a crop in its whole production period.
   (A) Consumptive Use  (B) Water requirement
   (C) Critical stages  (D) Evapotranspiration

43. Biocontrol agent against Quick Wilt disease of pepper:
   (A) Potassium phosphonate  (B) Bordeaux mixture
   (C) Mancozeb  (D) Trichoderma

44. In honey bees honey wax is secreted from the wax gland of:
    (A) Drones  (B) Queen
    (C) Worms  (D) Workers

45. The period taken by black pepper from flowering to harvest is:
    (A) 2-3 months  (B) 10-12 months
    (C) 6-8 months  (D) 12-14 months

46. Annual leaf fall of rubber is known as:
    (A) Wintering  (B) Refoliation
    (C) Flowering  (D) Replanting

47. Annapurna, Jyothy, revathy are:
    (A) Early duration rice varieties  (B) Medium duration rice varieties
    (C) Late duration rice varieties  (D) First crop rice varieties
48. Fruit rot, heavy defoliation are seen in __________ disease of rubber.
   (A) Powdery mildew  (B) Abnormal leaf fall
   (C) Pink disease     (D) Shoot rot

49. Coconut belongs to the order:
   (A) Piperaceae   (B) Euphorbiaceae
   (C) Palmae       (D) Musaceae

50. The method of feeding nutrients to the plants by applying fertilizer to the Foliage:
   (A) Basal dressing  (B) Foliar application
   (C) Starter solution (D) Fertigation

51. Total desertion of honey bee colony from its nest due to pest/disease attack is known as
   (A) Absconding   (B) Swarming
   (C) Smoking     (D) Migratory bee keeping

52. A rice weed that is not a grass:
   (A) Varinellu   (B) Kavada
   (C) Polla       (D) African payal

53. Rhinolure is the pheromone trap used against:
   (A) Red palm weevil  (B) Ricestem Borer
   (C) Mango fruit fly   (D) Rhinoceros Beetle

54. The only method of producing new varieties in plants:
   (A) Asexual propagation     (B) Sexual propagation
   (C) Vegetative propagation  (D) Leaf cutting

55. Cardamom research station is located at:
   (A) Odakkali        (B) Anakkayam
   (C) Pampadumpara   (D) Konni

56. Bryophyllum is propagated by:
   (A) Leaf bud cutting    (B) Leaf cutting
   (C) Stem cutting        (D) Root cutting
57. Thula varsham is:
   (A) South-west monsoon  
   (B) North-east monsoon 
   (C) North-west monsoon 
   (D) South-east monsoon

58. Rice varieties Vytilla-1, Vytilla-2 are suitable for:
   (A) Pokkali Area  
   (B) Kole region 
   (C) Wyanad 
   (D) Onattukara

59. Invitro method of plant propagation is:
   (A) Sexual propagation  
   (B) Asexual propagation 
   (C) Micro propagation 
   (D) Vegetative propagation

60. Fungal polluis is also known as:
   (A) Anthracnose  
   (B) Pollu beetle 
   (C) Quick wilt 
   (D) Nematode

61. A non flowering tree:
   (A) Azadirachta indica  
   (B) Delonix regia 
   (C) Cassia fistula 
   (D) Michalea chempaca

62. Which is not a bacterial disease?
   (A) Potato Scab  
   (B) Leaf spot of chilly 
   (C) Citrus Canker 
   (D) Blast of rice

63. King of spices:
   (A) Cardamom  
   (B) Ginger 
   (C) Coffee 
   (D) Pepper

64. Lemom grass, Vetiver etc are example of:
   (A) Spices  
   (B) Plantation Crop 
   (C) Aromatic plant 
   (D) Condiment

65. Parent plant used in asexual propagation is known as:
   (A) Clones  
   (B) Mother palm 
   (C) Stock plant 
   (D) Stolons
66. Rapid browning and death of leaves, floral parts:
   (A) Wilt  (B) Dieback  (C) Blight  (D) Damping off

67. System of rice cultivation where mixture of Non-Photosensitive and photosensitive varieties are used in virippu season:
   (A) Mundakan  (B) Oorumundakan  (C) Kootumundakan  (D) Pokkali

68. A viral disease of banana:
   (A) Bunchy top  (B) Panama wilts  (C) Sigatoka  (D) Spindle leaf minor

69. A variety of tomato released by IIHR Bangalore:
   (A) Arka Alok  (B) Pusa early dwarf  (C) Pusa ruby  (D) Sakthi

70. Little leaf of Brinjal is caused by:
   (A) Fungi  (B) Virus  (C) Mycoplasma  (D) Bacteria

71. Nest of honey bee:
   (A) Kennel  (B) Shed  (C) Comb  (D) Division Board

72. Budding in which a ring of bark is removed:
   (A) I-buding  (B) Yemma budding  (C) Forket budding  (D) Annular budding

73. West coast tall is not a parent of the following Hybrid Coconut:
   (A) Kerasree  (B) Kerasawbhagya  (C) Chandralaksha  (D) Keraganga

74. Silk is secreted by ———— gland of silk worm.
   (A) Silk gland  (B) Salivary gland  (C) Wax gland  (D) Thyroid
75. Ananthan, a variety of mushroom takes _______ days from spawning to harvest.
   (A) 12  (B) 8  
   (C) 20  (D) 4

76. Most severe form of rain water erosion:
   (A) Sheet  (B) Rill  
   (C) Splash (D) Gully

77. A form of Multiple cropping were one crop starts after the growing season for the previous crop has ended:
   (A) Relay cropping  (B) Double cropping  
   (C) Inter cropping (D) Mono cropping

78. Alternanthera, dwarf mari gold are example of:
   (A) Hedge  (B) Edge  
   (C) Flowering tree (D) Flowering climber

79. Balsam, Begonia are propagated by:
   (A) Hard wood cutting  (B) Soft wood cutting  
   (C) Semi hard wood cutting (D) Herbaceous cutting

80. Powdered pesticide formulation containing wetting and dispersing agent
   (A) Dust  (B) Granule  
   (C) Emulsifyable concentrate (D) Wettable powder

81. The first woman president of Indian National Congress:
   (A) Sarojini Naidu  (B) Sucheta Kripalani  
   (C) Annie Besant (D) Indira Gandhi

82. Who led the revolt of 1857 at Kanpur?
   (A) Nana Sahib  (B) Kunwar Singh  
   (C) Bahadur shah II (D) Rani Laxmi Bai

83. ‘Ananda Mutt’, the first novel in Bengali was written by:
   (A) Rabindranath Tagore  (B) Kesav chandrasen  
   (C) Rajaram Mohan Roy (D) Bankim Chandra Chatterjee
84. The newspaper published by Bala Gangadhar Tilak:
   (A) Common wheal  (B) Kesari
   (C) Sambad kaumudi  (D) Viveka Vardhini

85. The viceroy who partitioned Bengal:
   (A) Lord Curzon  (B) Lord William Bentick
   (C) Lord Hardinge  (D) Lord Wellesley

86. Write the name of the river which flows towards the west:
   (A) Mahanadi  (B) Godawari
   (C) Narmada  (D) Kaveri

87. Founder of Hindustan Democratic Federation:
   (A) J.M. Chatterjee  (B) Sachindra Sanyal
   (C) V.D Savarkar  (D) Pramod mittar

88. The Konark sun temple is situated in:
   (A) Karnataka  (B) Odisha
   (C) Gujarat  (D) Madhya Pradesh

89. Who presided over the Lahore congress in 1929?
   (A) Mottilal Nehru  (B) Surendranath Banerjee
   (C) Dr. Ansari  (D) Jawaharlal Nehru

90. The states re-organization act was passed by the Indian parliament in:
   (A) 1955  (B) 1952
   (C) 1950  (D) 1956

91. The national highway which connects Varanasi – Kanyakumari:
   (A) NH – 15  (B) NH – 5
   (C) NH – 7  (D) NH – 8

92. The installation at Aruvippuram by Sree Narayanaguru was in the year:
   (A) 1885  (B) 1882
   (C) 1887  (D) 1888
93. The mountain pass which connects Tirunelveli in Tamilnadu is Thiruvananthapuram in Kerala:
   (A) Bodinayakanur pass  (B) Aramboli pass
   (C) Thamarasseri pass   (D) Kambam pass

94. Thirunavai, the place where the famous pan-kerala assembly 'Mamankom' was conducted is situated on the banks of the river:
   (A) Bharatapuzha    (B) Periyar
   (C) Chaliyar        (D) Pamba

95. Sankara Narayana, the famous astronomer of South India was lived in the court of:
   (A) Kulasekhara Varman  (B) Rajasekhara Varman
   (C) Bhaskara Varman     (D) Stanu Ravi Varman

96. The first president of Travancore State Congress:
   (A) Mannath Padmanabhan  (B) T.M. Varghese
   (C) Pattom Thanupillai  (D) N.V. Joseph

97. The ruler who abolished the Devadasi system in Travancore:
   (A) Rani Sethu Lakshmi Bai  (B) Sri Mulam Thirunal
   (C) Rani Gowri Parvathi Bai  (D) Swathi Thirunal

98. Who was the editor of the Malayalam journal 'Mitavadi' which fought against untouchability in Kerala?
   (A) C.V. Kunhiraman     (B) A.K. Gopalan
   (C) C. Krishnan        (D) T.K. Madhavan

99. Sri Poikayil yohannan was later known as:
   (A) Vagbhadanandnand  (B) Chattampi swamikal
   (C) Aagamananda swamikal  (D) Sree Kumara gurudevan

100. The person who is known as the 'Subhash Chandra Bose of Kerala':
     (A) Ali musaliyar       (B) Muhammed Abdul Rahman
      (C) Vakkom Abdul Khader Maulavi  (D) C.H. Muhammed Koya