

192/2014

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. I.A.R.I. is situated at :  
(A) New Delhi (B) Mumbai  
(C) Kolkata (D) Chennai
2. A crop belonging to Narcotic group :  
(A) Tapioca (B) Tobacco  
(C) Glyricidia (D) Cotton
3. A nutrient involved in Luxury consumption :  
(A) N (B) P  
(C) K (D) Ca
4. Amount of Nitrogen in Urea :  
(A) 46 % (B) 18 %  
(C) 60 % (D) 16 %
5. A Trace element :  
(A) Ca (B) Fe  
(C) Mg (D) S
6. Monsoon contributing 60% of the rainfall of Kerala :  
(A) North East Monsoon (B) South East Monsoon  
(C) South West Monsoon (D) North West Monsoon
7. Instrument measuring atmospheric pressure :  
(A) Barometer (B) Cup anemometer  
(C) Thermometer (D) Evaporimeter

8. A complex fertilizer :
- (A) Urea (B) MOP  
(C) SSP (D) Ammonium phosphate
9. Mushroom involved in Coir pith composting :
- (A) Pleurotus (B) Volvariella  
(C) Boletus (D) Termitomyces
10. Which is not a nitrogen fixing microorganism?
- (A) Rhizobium (B) Fusarium  
(C) Azospirillum (D) Azotobacter
11. Trichoderma and Pseudomonas belong to the group :
- (A) Biofertilizers (B) Bio control agents  
(C) Anti coagulants (D) Antiseptic agents
12. Which is a fumigant?
- (A) Aluminium phosphide (B) Zn phosphide  
(C) Warfarin (D) Rodfarin
13. Bacterial disease infecting silk worm :
- (A) Pebrine (B) Flacherie  
(C) Grasserie (D) Mascaridine
14. A common deficiency disease of cattle :
- (A) Anthrax (B) Foot and mouth disease  
(C) Ketosis (D) Mastitis
15. A concentrate feed :
- (A) Pasture (B) Silage  
(C) Straw (D) Oil cake
16. A temporary preservation method :
- (A) Canning (B) Fermentation  
(C) Deep freezing (D) Pasteurization

17. Growing two or more crops simultaneously in the same field with no distinct row arrangement :
- (A) Inter cropping (B) Relay cropping  
(C) Mixed cropping (D) Ratoon cropping
18. A copper based fungicide :
- (A) Fytolan 50 W (B) Zineb 75  
(C) Dithane M-45 (D) Captan 75% WP
19. A non-selective herbicide :
- (A) 2-4-D (B) Butachlor  
(C) Pendimethalin (D) Paraquat
20. Eudrillus Eugineae is associated with :
- (A) Biocontrol agent (B) Bio fertilizer  
(C) Mushroom (D) Vermicomposting
21. The colour tag of breeder seed :
- (A) Yellow (B) White  
(C) Purple (D) Blue
22. Vegetative propagation method of Lemon :
- (A) Budding (B) Cutting  
(C) Grafting (D) Layering
23. Bunchy top of Banana is caused by :
- (A) Bacteria (B) Mycoplasma  
(C) Fungus (D) Virus
24. Hevea brasiliensis is the scientific name of :
- (A) Pepper (B) Rubber  
(C) Tapioca (D) Banana
25. Calapagonium muconoides is a :
- (A) Inter crop (B) Garden crop  
(C) Ratoon crop (D) Cover crop

26. In dry pepper, piperine content varies from :  
(A) 14 – 16% (B) 4 – 6%  
(C) 34 – 36 % (D) 24 – 26 %
27. \_\_\_\_\_ increases the oil content in oil yielding crops :  
(A) Ca (B) P  
(C) S (D) N
28. A chemical used against coconut eriophyid mite :  
(A) Carbaryl (B) Carbofuran  
(C) Dicofol (D) Quinalphos
29. N.P.K recommendation of coconut for good management in kg/palm/year :  
(A) 0.34 : 0.17 : 0.68 (B) 0.50 : 0.32 : 1.20  
(C) 0.25 : 0.35 : 0.90 (D) 0.68 : 0.23 : 0.90
30. A short duration variety of rice :  
(A) Triveni (B) Jaya  
(C) Lakshmi (D) Mangala mahsuri
31. Drip irrigation is followed in :  
(A) Coconut (B) Fodder grass  
(C) Rice (D) Papaya
32. Alkaly soil can be corrected by adding :  
(A) Lime (B) Water  
(C) Gypsum (D) Sand
33. \_\_\_\_\_ is a type of wind erosion.  
(A) Sheet (B) Saltation  
(C) Rill (D) Gully
34. Ideal soil for growing crops :  
(A) Sandy (B) Loamy  
(C) Clayey (D) Acidic

35. Soil structure suitable for cultivation :

- |               |           |
|---------------|-----------|
| (A) Platy     | (B) Block |
| (C) Prismatic | (D) Crumb |

36. Branch of agriculture dealing with the study of vegetables :

- |                  |                  |
|------------------|------------------|
| (A) Pomology     | (B) Agronomy     |
| (C) Horticulture | (D) Olericulture |

37. Scurvy is caused by the deficiency of Vitamin :

- |            |            |
|------------|------------|
| (A) Vit. A | (B) Vit. B |
| (C) Vit. C | (D) Vit. D |

38. Deficiency of Vit. E leads to :

- |                     |               |
|---------------------|---------------|
| (A) Night Blindness | (B) Beriberi  |
| (C) Anaemia         | (D) Sterility |

39. A subtropical fruit :

- |           |            |
|-----------|------------|
| (A) Apple | (B) Mango  |
| (C) Jack  | (D) Citrus |

40. Planting system followed in undulating topography :

- |                     |                      |
|---------------------|----------------------|
| (A) Quincunx system | (B) Hexagonal system |
| (C) Contour system  | (D) Hedge system     |

41. A Sapota variety :

- |                   |               |
|-------------------|---------------|
| (A) Banesan       | (B) Amrapally |
| (C) Suvarna rekha | (D) Oval      |

42. Root stock used for grafting in Sapota :

- |           |            |
|-----------|------------|
| (A) Hafsi | (B) Khagzi |
| (C) Khasi | (D) Khirni |

43. Epicotyl grafting is the vegetative propagation method in :  
(A) Mango (B) Cashew  
(C) Jack (D) Pineapple
44. Air layering is common vegetative propagation method in :  
(A) Guava (B) Citrus  
(C) Cashew (D) Pineapple
45. \_\_\_\_\_ is a sweet orange variety.  
(A) Coorg (B) Nagpur  
(C) Khasi (D) Musambi
46. 'Inverted T' budding is practiced in :  
(A) Pineapple (B) Citrus  
(C) Guava (D) Papaya
47. Bromilin is an enzyme present in :  
(A) Banana (B) Cashew  
(C) Pineapple (D) Lime
48. A minor fruit of Kerala :  
(A) Guava (B) Pineapple  
(C) Pomegranate (D) Citrus
49. Fruit known as 'Butter fruit' :  
(A) Apple (B) Orange  
(C) Sapota (D) Avocado
50. Highest source of Vitamin A among the following fruits :  
(A) Bilimbi (B) Lovi-lovi  
(C) Papaya (D) Egg- fruit

51. Vitamin C rich fruit :
- (A) West Indian Cherry (B) Pomegranate  
(C) Avocado (D) Jack
52. Chilli is rich in \_\_\_\_\_ vitamin.
- (A) Vitamin A (B) Vitamin C  
(C) Vitamin B (D) Vitamin D
53. Soft wood grafting is practiced in :
- (A) Lime (B) Citrus  
(C) Cashew (D) Sapota
54. Mount layering is the vegetative propagation method in :
- (A) Banana (B) Pineapple  
(C) Citrus (D) Papaya
55. Which system of planting is adopted in Pineapple :
- (A) Square system (B) Triangular system  
(C) Filler system (D) Rectangular system
56. Spacing recommended for Nendran :
- (A) 2.1 m × 2.1 m (B) 2 m × 2 m  
(C) 2.4 m × 1.8 m (D) 2.4 m × 2.4 m
57. A chemical used for uniform flowering in Pineapple :
- (A) NAA (B) IBA  
(C) Ethephon (D) G.A
58. Fruit Known as 'Queen of Fruits' :
- (A) Pineapple (B) Mango  
(C) Mangusteen (D) Banana

59. Tanin in Cashew apple juice is removed by adding :

- (A) NAA
- (B) PVP
- (C) IBA
- (D) G.A.

60. Papaya variety used for Papain extraction :

- (A) Solo
- (B) CO-2
- (C) Honey dew
- (D) Washington

61. \_\_\_\_\_ are called 'Protective food'.

- (A) Carbohydrate and starch
- (B) Vitamins and minerals
- (C) Proteins
- (D) Fat

62. Rickets is a consequence of the deficiency :

- (A) Vitamin A
- (B) Vitamin B
- (C) Vitamin C
- (D) Vitamin D

63. Plant known as 'Cucumber plant' :

- (A) Lovi-lovi
- (B) Bilimbi
- (C) Avocado
- (D) Custard

64. 'Curd' is the economic part of :

- (A) Cabbage
- (B) Cauliflower
- (C) Beetroot
- (D) Carrot

65. Economic part of potato :

- (A) Corm
- (B) Root tuber
- (C) Stem tuber
- (D) Rhizome

66. Bhindi belongs to which crop group :

- (A) Malvaceous crop
- (B) Solanaceous crop
- (C) Leguminous crop
- (D) Cole crop

67. A bulb crop :

- |            |            |
|------------|------------|
| (A) Potato | (B) Tomato |
| (C) Onion  | (D) Celery |

68. Bacterial wilt resistant variety of tomato :

- |            |                |
|------------|----------------|
| (A) Anakha | (B) Jwalamukhi |
| (C) Surya  | (D) Manjari    |

69. A hardy vegetable :

- |              |             |
|--------------|-------------|
| (A) Cucumber | (B) Pumpkin |
| (C) Radish   | (D) Brinjal |

70. Growing vegetables in the off season :

- |                       |                    |
|-----------------------|--------------------|
| (A) Vegetable forcing | (B) Kitchen garden |
| (C) Market garden     | (D) Truck garden   |

71. 'Jafna' is a variety of :

- |                    |               |
|--------------------|---------------|
| (A) Coleus         | (B) Colocasia |
| (C) Amorphophallus | (D) Moringa   |

72. Dual purpose variety of Cowpea :

- |                 |                |
|-----------------|----------------|
| (A) Krishnamony | (B) Sarika     |
| (C) Vaijyanthi  | (D) Kanakamony |

73. Arka anamika is a \_\_\_\_\_ resistant variety of okra :

- |                        |                    |
|------------------------|--------------------|
| (A) Yellow vein mosaic | (B) Bacterial wilt |
| (C) Little leaf        | (D) Leaf curling   |

74. A physiological disorder of mango :

- |                    |                  |
|--------------------|------------------|
| (A) Black tip      | (B) Downy Mildew |
| (C) Powdery Mildew | (D) Anthracnose  |

75. Test for judging the end point of jelly :

(A) Water test

(B) Germination test

(C) Sheet test

(D) Sampling

76. A harvest index of sapota:

(A) Potato colour

(B) Flatening of eyes

(C) Raising of shoulder

(D) Yellowing colour

77. White rust and leaf Webber attack is seen in :

(A) Amaranthus

(B) Bitter gourd

(C) Pumpkin

(D) Cowpea

78. Seed rate of Bitter gourd :

(A) 1.5 – 2 kg/ha

(B) 370 – 500 g/ha

(C) 5 – 6 kg/ha

(D) 1 kg/ha

79. Propagation material of Pineapple :

(A) Sucker

(B) Tuber

(C) Corm

(D) Cuttings

80. 'Tea Mosquito' is a serious pest of :

(A) Cashew

(B) Guava

(C) Banana

(D) Citrus

81. The currency of Germany is :

(A) Mark

(B) Dollar

(C) Yen

(D) Lira

82. In which year Kudumbasree started in Kerala :

(A) 2000

(B) 1998

(C) 1988

(D) 2008

83. The controller and auditor general is appointed by :  
(A) prime minister (B) supreme court  
(C) upsc (D) president of India
84. The book "I follow the Mahathma" written by :  
(A) K.M. Munshi (B) Dr. Rajendra Prasad  
(C) Dr.S. Radhakrishnan (D) K.R.Narayanan
85. Headquarters of Indian military college :  
(A) Chennai (B) Pune  
(C) Khadakwasala (D) Deradoon
86. Who is the founder of scientific astronomy?  
(A) Hoffman (B) John.H.glen  
(C) John wheeler (D) A.P.J. Abdul kalam
87. Pyorrhoea is a disease of the :  
(A) Skin (B) Gums  
(C) Brain (D) Heart
88. Who is known as the benevolent governor general?  
(A) William Bentinck (B) Lord Hastings  
(C) Dalhousie (D) Lord Minto
89. Who formed Ananthamahasaba?  
(A) Swami sivayogi (B) Sree narayana guru  
(C) Dr.pulpu (D) Ayya vaykundar
90. "Oslo" the capital of :  
(A) Polland (B) Romania  
(C) Finland (D) Norvay
91. Article 280 of Indian constitution related to :  
(A) Finance commission (B) Election commission  
(C) Planning commission (D) Lokayuktha

92. Capital city of pallavas was :

- |              |             |
|--------------|-------------|
| (A) Kanchi   | (B) Madhura |
| (C) Devagiri | (D) Urayur  |

93. In which country the green revolution started first :

- |            |                 |
|------------|-----------------|
| (A) India  | (B) Brazil      |
| (C) Mexico | (D) Philippines |

94. The smallest neighboring country of India :

- |              |                |
|--------------|----------------|
| (A) Butan    | (B) Bangladesh |
| (C) Pakistan | (D) Nepal      |

95. Largest gland in the human body :

- |           |           |
|-----------|-----------|
| (A) Liver | (B) Lungs |
| (C) Skin  | (D) Heart |

96. First election commissioner of India :

- |                   |                 |
|-------------------|-----------------|
| (A) G.V Mavlankar | (B) V.S. Sambat |
| (C) T.N Seshan    | (D) Sukumarsen  |

97. The national game of India :

- |             |              |
|-------------|--------------|
| (A) Cricket | (B) Hockey   |
| (C) Kabhadi | (D) Football |

98. The name of the product related to ACC :

- |          |            |
|----------|------------|
| (A) Soap | (B) Fan    |
| (C) TV   | (D) Cement |

99. Edakkal caves is in \_\_\_\_\_ district.

- |             |               |
|-------------|---------------|
| (A) Kannur  | (B) Kollam    |
| (C) Wayanad | (D) Kasarkode |

100. The winner of 2013 Saraswathy samman :

- |                 |                          |
|-----------------|--------------------------|
| (A) Rajiv takru | (B) Govind Mishra        |
| (C) V.K. Murthy | (D) M.T. Vasudhevan Nair |