

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