

PSC Laboratory Technical Assistant - Agriculture - Plant Protection - VHSE Examination Previous Year Question Paper

***Exam Name: Laboratory Technical Assistant -
Agriculture - Plant Protection - VHSE***

Date of Test : 25.02.2015

Question Paper Code: 036/2015

Medium of Questions: English



36/2015

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. The net area under cultivation occupies _____% of total area in Kerala.
(A) 22 (B) 32
(C) 52 (D) 72
2. India ranks _____ in spice production.
(A) First (B) Second
(C) Third (D) Fourth
3. National Research centre for cashew is at :
(A) Kerala (B) Karnataka
(C) Bihar (D) Andhra Pradesh
4. Ooze test is carried out for confirmation of disease caused by :
(A) Fungus (B) Virus
(C) Phytoplasma (D) Bacteria
5. More honey is obtained from :
(A) Indian bee (B) Italian bee
(C) Rock bee (D) Little bee
6. Panchayath Raj system introduced by :
(A) G.V.K. Rao committee (B) Narasimha Rao committee
(C) Belwanth Rai Mehta committee (D) L.M. Singhvi committee
7. Use of resistant varieties in the IPM is an example of :
(A) Biological control (B) Mechanical control
(C) Physical control (D) Cultural control

8. For preparing jelly the essential constituent in fruits is :
(A) Pectin (B) Cellulose
(C) Sugar (D) Pigment
9. The practice of growing different crops of varying height, canopy orientation and rooting pattern is :
(A) Multitier cropping (B) Mixed cropping
(C) Multiple cropping (D) Inter cropping
10. A plant ideal for making carpet bed :
(A) Phyllanthus (B) Cordylene
(C) Croton (D) Alter nanthera
11. Medicinal part of Kacholam is :
(A) root (B) stem
(C) leaf (D) fruit
12. The best banana variety suitable as an intercrop of coconut :
(A) Monthan (B) Nendran
(C) Zanzibar (D) Njalipoovan
13. Malathion belongs to the generic group :
(A) Organophosphorous (B) Organosulphur
(C) Organochlorin (D) Carbamate
14. Which of the following has four pairs of legs?
(A) Mite (B) Rodent
(C) Nematode (D) Bug
15. Which state is highest producer of rice?
(A) Kerala (B) Andhra Pradesh
(C) West Bengal (D) Punjab

16. Seed Act was passed in :
(A) 1956 (B) 1966
(C) 1955 (D) 1975
17. Flowering hormone used in pineapple :
(A) Auxin (B) Gibberlin
(C) Cytokinin (D) Ethylene
18. A selective herbicide :
(A) 2, 4-D (B) glyphosate
(C) paraquat (D) weed oils
19. Size of silt particle :
(A) > 2 mm (B) $0.2 - 2$ mm
(C) $0.02 - 0.2$ mm (D) $0.002 - 0.02$ mm
20. Irrigation method most suitable for vegetable crops :
(A) border irrigation (B) furrow irrigation
(C) basin irrigation (D) ring irrigation
21. Aromatic and medicinal plants research station is located at :
(A) Odakkali (B) Vazhakkulam
(C) Moncompu (D) Mannuthy
22. Uzi fly is the pest of :
(A) honey bee (B) cattle
(C) mushroom (D) silkworm
23. Gladiolus is propagated by :
(A) Sucker (B) Corms
(C) Bulbs (D) Seeds
24. Non branching variety of tapioca :
(A) Sree Visakham (B) H-97
(C) H-165 (D) H-226

25. Coconut hybrid preferred for cultivation in root with affected areas :
(A) Kerasankara (B) Lakshaganga
(C) Anandaganga (D) Chandrasankara
26. Centre of origin of rubber :
(A) Brazil (B) India
(C) Africa (D) China
27. Pheromone used for controlling melon fruit fly :
(A) cosmolure (B) cuelure
(C) ferrolure (D) gyplure
28. A dioecious cucurbit :
(A) bittergourd (B) cucumber
(C) snakegourd (D) coccinia
29. Biopesticide containing *Bacillus thuringiensis* :
(A) Dipel (B) Elcar
(C) Biopath (D) Spodocide
30. Karate is the trade name of :
(A) Imidachloprid (B) Fenvalerate
(C) Monocrotophos (D) Lamda cyhalothrin
31. A fungal biocontrol agent used for soil borne pathogen :
(A) Trichoderma (B) Trichogramma
(C) Pseudomonas (D) Metarhizium
32. In red loam soil the red colour is due to high amount of :
(A) Iron oxide (B) Aluminium oxide
(C) Copper oxide (D) Calcium oxide
33. Khaira disease is associated with :
(A) Groundnut (B) Paddy
(C) Wheat (D) Coconut

34. A fruit rich in Vit-A content :
(A) pineapple (B) banana
(C) mango (D) papaya
35. Draining away water from rice field is advised for the control of :
(A) army worm (B) rice hispa
(C) case worm (D) gall fly
36. Panchami, Kottanadan, Balankotta are varieties of :
(A) Snakegourd (B) Cowpea
(C) Ashgourd (D) Pepper
37. One which is not dual purpose breed of cattle?
(A) Nagore (B) Ongole
(C) Haryana (D) Kankrej
38. The year 2008 was celebrated as the international year of which crop :
(A) barley (B) potato
(C) maize (D) bamboo
39. The queen of fruit is :
(A) banana (B) mango
(C) mangosteen (D) grape
40. Maggot is the young one of :
(A) moth (B) beetles
(C) flies (D) bugs
41. _____ is a soil borne disease.
(A) blast (B) quick wilt
(C) bud rot (D) loose smut
42. Short duration variety of mushroom released from KAU :
(A) Anandan (B) Arun
(C) KAU local (D) Prakash

43. Biological control of the noxious weed parthenium is done by :
(A) Neochectina (B) Crocidosema
(C) Zygogramma (D) Cyrtobagus
44. Rodenticide acting as acute poison :
(A) Bromodiolone (B) Warfarin
(C) Dicofol (D) ZnP
45. Guava is generally propagated by :
(A) Budding (B) Grafting
(C) Layering (D) Cutting
46. The number of Nendran banana that can be accommodated in an area of 40 cents :
(A) 100 (B) 200
(C) 300 (D) 400
47. Colour code of highly toxic pesticide :
(A) red (B) yellow
(C) blue (D) green
48. Azhukal disease is most serious disease of :
(A) nutmeg (B) vanilla
(C) cardamom (D) clove
49. An insecticide with fumigant action :
(A) Zinc phosphide (B) Aluminium phosphide
(C) Phorate (D) Carbaryl
50. The most common cover crop used in rubber plantation :
(A) Stylosanthes (B) Tephrosia
(C) Sunhemp (D) Puerreria
51. Disease caused by virus :
(A) Little leaf of brinjal (B) Root wilt disease of coconut
(C) Katte disease of cardamom (D) All of the above

52. The constituent of cheshunt compound is :
(A) CuSO_4 and quick lime (B) CuSO_4 and ammonium carbonate
(C) CuSO_4 and sodium carbonate (D) CuSO_4 and slaked lime
53. Fusarium Pallidoroseum is an important entomopathogen of :
(A) rice stem borer (B) coreid bug
(C) cowpea aphid (D) red palm weevil
54. The ability of the seeds to germinate :
(A) dormancy (B) viability
(C) longevity (D) vigour
55. Spray pump used for high volume spraying :
(A) Knapsack sprayer (B) Rocker sprayer
(C) Hand sprayer (D) All of the above
56. Indian celebrates Farmers day in the memory of Ex-Prime Minister :
(A) Lal Bahadur Shastri (B) Chaudary Charan Singh
(C) Morarji Desai (D) Jawaharlal Nehru
57. Metaldehyde is used for the control of :
(A) mite (B) nematode
(C) bug (D) snail
58. The colour of registered seed tag is :
(A) yellow (B) white
(C) blue (D) purple
59. Generally, _____% of soil volume is comprised of soil organic matter.
(A) 5 (B) 10
(C) 25 (D) 45
60. Instrument used for the measurement of light intensity :
(A) sunshine recorder (B) hygrometer
(C) lux meter (D) cup anemometer

61. Flacheri disease of silkworm is caused by :
(A) Virus (B) Bacteria
(C) Protozoa (D) Fungus
62. Method demonstration involves :
(A) individual contact method (B) group contact method
(C) mass contact method (D) all of the above
63. Vector which transmit Yellow Vein Mosaic in bhindi :
(A) White fly (B) Leaf hopper
(C) Aphid (D) Mealy bug
64. Indu is a variety of :
(A) bottle gourd (B) ash gourd
(C) cassava (D) colocasia
65. Order of whitefly is :
(A) Coleoptera (B) Lepidoptera
(C) Diptera (D) Hemiptera
66. Inter veinal chlorosis is due to the deficiency of :
(A) N (B) P
(C) Ca (D) Mg
67. Study of Vegetables :
(A) Horticulture (B) Olericulture
(C) Pomology (D) Floriculture
68. Nut weevil is a common pest of :
(A) Cashew (B) Banana
(C) Mango (D) Coconut
69. Maximum amount of nitrogen per unit weight is in :
(A) Groundnut cake (B) Bone meal
(C) FYM (D) Compost

70. Seed rate for tomato is :
(A) 200 g/ha (B) 400 g/ha
(C) 600 g/ha (D) 800 g/ha
71. Fertilizer used for foliar spray :
(A) Urea (B) SSP
(C) MOP (D) Rock phosphate
72. Cucumber variety exclusively used for salad purpose :
(A) Pusa Swani (B) Pusa Seethal
(C) Arka Anamika (D) Arka Harit
73. The lower limit of available water for plants :
(A) Field capacity (B) Saturation capacity
(C) Permanent wilting point (D) Retentive capacity
74. Operation flood refers to development in production of :
(A) cereals (B) silk
(C) milk (D) fish
75. Nata-de-coco is a processed product of :
(A) coffee (B) nutmeg
(C) cocoa (D) coconut
76. A weed used as ornamental plant :
(A) Eupatorium (B) Emilia
(C) Lantana (D) Vernonia
77. A free living nitrogen fixing bacteria :
(A) Azospirillum (B) Rhizobium
(C) VAM (D) BGA

78. Bacterial wilt resistant variety of brinjal :
(A) Sakthi (B) Anagha
(C) Neelima (D) Suvarna
79. Fungicide used for seed treatment :
(A) Ziram (B) Carbendazim
(C) Mancozeb (D) Acephate
80. Growing of trees for aesthetic or scientific purpose refers to :
(A) Arboriculture (B) Agroforestry
(C) Agrostology (D) Agrisilviculture
81. According to the Census 2011, Which one among the following Union Territories has the least population?
(A) Daman and Diu (B) Lakshadweep
(C) Puducherry (D) Dadra and Nagar Haveli
82. The Supreme Court on May 7, 2014 banned 'Jalli kattu' and bullock cart racing in Tamilnadu. The court also banned bullock cart racing in the state of :
(A) Madhya Pradesh (B) Chattisgarh
(C) Maharashtra (D) Haryana
83. Name the book written by Dadabai Naoroji on Indian poverty and economy :
(A) Indian Economy under British Raj
(B) Poverty and Unbritish rule in India
(C) Economic Drain
(D) British rule and Economic drain of India
84. The Hindustan Socialist Republican Association movement in Indian Freedom Struggle was founded in 1928, at :
(A) Delhi (B) Kanpur
(C) Allahabad (D) Lahore

85. Geologically the oldest mountains amongst the following are :
(A) The Western Ghats (B) The Himalayas
(C) The Vindhyas (D) The Aravallis
86. Which state is the largest producer of tobacco in India?
(A) Kerala (B) Tamilnadu
(C) Karnataka (D) Maharashtra
87. Who raised patriotism to the pedestal of mother-worship and said "I know my country as my Mother. I adore her, I worship her"?
(A) Vivekananda (B) Aurobindo Ghosh
(C) B.G. Tilak (D) B.C. Chatterjee
88. The Kuttiadi project in Kerala is located in :
(A) Malappuram district (B) Palakkad district
(C) Kozhikode district (D) Wynad district
89. Who was the editor of the journal 'Mitavadi'?
(A) V.T. Bhattathirippadu (B) T.K. Madhavan
(C) C. Krishnan (D) Ramakrishna pillai
90. Which organisation was founded by Swami Sivanandha Paramahamsa in Malabar?
(A) Sidha Samajam (B) Vasudevasramam
(C) Atmeeyasabha (D) None of these
91. Which day is observed as 'Malala day'?
(A) July 12, 2013 (B) July 13, 2013
(C) July 7, 2013 (D) July 16, 2013
92. Which among the following has been declared the first 'Smoke free' state in the country?
(A) Uttarakand (B) Delhi
(C) Haryana (D) Himachal Pradesh

93. 'Misrabhojanam' a new method of fight against the caste system in Kerala was started by :
(A) Ayyankali (B) Sree Narayana Guru
(C) T.K. Madhavan (D) None of these
94. Who started the magazine 'Sivayogavilasam'?
(A) V.T. Bhattathirippadu (B) Vagbatananda
(C) Kumaranasan (D) K. Ayyappan
95. 'Aruvipuram pratishta' was conducted by Sree Narayana Guru in :
(A) 1903 (B) 1887
(C) 1897 (D) 1883
96. Against which one of the following Indian Princely states the government of India launched "The operation polo" to force its accession to the Indian Union?
(A) Hyderabad (B) Junagarh
(C) Travancore and Cochin (D) Jammu and Kashmir
97. Name the only place in Kerala, where Black soil is found :
(A) Chittur (B) Punalur
(C) Muzhappilangad (D) Edakkal
98. Jogfalls, the highest waterfall in India is located in the state of :
(A) Himachal Pradesh (B) Karnataka
(C) Maharashtra (D) Meghalaya
99. Which country is related to "B₂B" relation to India?
(A) Bangladesh (B) Burma
(C) Bhutan (D) None of these
100. Who is the first Chief Minister of newly formed state Telangana
(A) K.T. Rama Rao (B) Chandrababu Naidu
(C) K. Chandra Sekhara Rao (D) K. Hareesh Rao