

ACHIEVERS AGRICET ACADEMY

BAPATLA.

AGRICET 2025 KEY PAPER (MEMORY BASED)

విద్యార్థులకు గమనిక :

గత పదకొండు సంవత్సరాలుగా అగ్రిసెట్ పరీక్షలో అఖండ ఫలితాలు సాధిస్తూ, వరుసగా ఏడు సార్లు స్టేట్ 1st ర్యాంకు తో పాటు మరెన్నో ర్యాంకులు కైవసం చేసుకుంటున్న ఏకైక విద్యా సంస్థ **ACHIEVERS AGRICET ACADEMY, BAPATLA** వారు అందిస్తున్న “కీ పేపర్” కు మరియు ఆచార్య. ఎన్. జి. రంగా వ్యవసాయ విశ్వవిద్యాలయం వారికీ ఎటువంటి సంబంధం లేదు. ఫైనల్ కీ పేపర్ లో మార్పులు ఉండవచ్చు. ఈ కీ పేపర్ కేవలం విద్యార్థుల ప్రాథమిక నిర్ధారణకు మాత్రమే. ఈ కీ పేపర్ ను పరీక్ష రాసిన మా **ACHIEVERS AGRICET ACADEMY, BAPATLA** విద్యార్థుల యొక్క జ్ఞాపక శక్తి ఆధారంగా తయారు చేయబడినది. ఈ కీ పేపర్ లో ఏమైనా తప్పులు ఉన్నచో, మాకు తెలియజేయగలరు.

1. Air in horizontal motion

- a) **Wind** b) Current c) Prevailing wind d) Pressure

2. Major source of contamination

- a) Natural crossing b) genetic drift **c) Mechanical mixtures** d) Mutations

3. IISR (Sugarcane) located at

- a) **Lucknow** b) Coimbatore c) Hyderabad d) Kolkata

4. Wind direction is measured with

- a) Anemometer **b) Wind wane** c) barometer d) Sunshine recorder

5. Based on type of climate and soil, Andhra Pradesh divided into ____ number of agro climatic zones

- a) 5 b) 15 **c) 6** d) 7

6. The complete removal of all live plants parts and seeds of a weed infestation from an area is called

- a) Weed control **b) Weed eradication** c) Weed management d) Weed removal

7. Biological control with zygomorpha

- a) Water fern b) Puncture vine **c) Parthenium** d) Water hyacinth

8. Which weed is a problem in hydro projects, irrigation channels and fisherman, but it is a plant of aesthetic value for city dweller

- a) **Water hyacinth** b) Bermuda grace c) Quick grace d) Prickly pear
9. Maximum rainfall in A.P received during which monsoon
a) Summer b) Winter c) North – East **d) South – West**
10. Upper part of the tree comprising of branches and foliage is known as
a) Pole b) Bole **c) Crown** d) Bark
11. Which is known as the bulky organic manure
a) **FYM** b) Bone meal c) Castor cake d) Blood meal
12. Mother moth examination for identifying and destroying which disease in silk worm
a) Uzi fly b) Grassire **c) Pebrine** d) White Muscardine
13. To prevent Offensive Oduor in Urban compost, _____ should be sprinkled
a) **Cuso₄** b) CasO₄ c) Znso₄ d) SSP
14. Most popular cultivated species of mint in India
a) **Japanese** b) Pepper c) Bergamot d) American
15. Morse code symptom is observed in _____ disease of Banana.
a) **Bunchy top** b) Sigatoka c) Mosaic d) Rhizome rot
16. CIMAP is located at
a) Coimbatore b) Srilanka c) Mexico **d) Lucknow**
17. Example for Polyphagous pest
a) Yellow stem borer b) Plume moth **c) Gram Caterpillar** d) Leaf miner
18. The symptom dead hearts with white ears is seen in
a) Caseworm b) BPH **c) Yellow Stem Borer** d) Hispa
19. Removal of terminal buds to promote axillary buds in cotton is known as
a) Nipping b) Stripping **c) Topping** d) Pinching
20. Cone weeder is used in _____ crop
a) Maize **b) Paddy** c) Sorghum d) Bajra
21. Inlet valve is opened at which stroke
a) **Suction stroke** b) Compression c) Power d) Exhaust
22. Soil color is determined by using
a) Tensiometer **b) Munsell Color chart** c) Paper color chart d) Core sampler
23. Which part of leg segment is strong and largest
a) **Femur** b) Tibia c) Coxa d) Trochanter
24. Which type of impeller used for dredging work
a) **Semi open** b) Open c) Closed impeller d) Semi closed
25. The nucleus of the atom is made up of

- a) Protons b) Electrons **c) Protons & Neutrons** d) Protons & electrons
26. Guano is obtained from
- a) **Sea Birds** b) Animals c) Fishes d) Goat
27. The symptoms of virus disease in which tissue along the veins become dark green while remaining leaf portion turn chlorosis
- a) **Vein banding** b) Vein clearing c) Necrosis d) Dwarfing
28. Breeder seed tag color
- a) Azure blue b) White **c) Gold yellow** d) Opel green
29. In which insect, forewings are divided into two parts and hindwings into three parts
- a) **Plume moth** b) Gram caterpillar c) White fly d) Leaf hopper
30. The early stage of larva looks like a birds drop is
- a) Fruit sucking moth **b) Citrus butterfly** c) Helicoverpa d) Castor semi looper
31. Bone meal rich in which nutrient
- a) N **b) P** c) K d) Mg
32. The process of bringing wild types plant into human cultivation is known as
- a) **Domestication** b) Breeding c) Crop improvement d) Selection
33. Vertical mulching is used control soil erosion in which type of soils
- a) **Vertisols** b) Alfisols c) Entisols d) Aridsols
34. Starter material used in rural compost
- a) Night soil b) Bone meal c) Ash **d) Dung + Urine**
35. Strawberry belongs to the family
- a) Malvaceae b) Rutaceae c) Vitaceae **d) Rosaceae**
36. Parasitic weed in sorghum
- a) **Striga** b) Cuscuta c) Loranthus d) Orabanche
37. The outline of activities executed for the program is called
- a) **Plan of work** b) Calendar of work c) Program d) Program planning
38. Mycoplasma like organisms first observed by ____
- a) E. J. Bulter b) Anton de berry **c) Doi et al.,** d) Robert Hook
39. Chemicals which block Acetyl cholinesterase (AChE) are
- a) **Organophosphours** b) Organoclochlorines c) Averimetins d) Ureaemzymes
40. Example of external combustion engine
- a) **Steam engine** b) Diesel engine c) Petrol d) Tractor
41. Example of facultative parasites
- a) **Phythium Sp** b) Ustilago Sp c) Plasmopora Sp d) Puccinia Sp
42. Cross pollination in Maize due to

- a) Protogyny b) Geitonogamy c) Xenogamy **d) Protandry**
43. In which type of co – operative farming, the operation ship and owner ship is individual
- a) Joint farming **b) Better farming** c) Tenant farming d) Collective farming
44. Inherent capacity of soil to provide essential nutrients to the crop is called
- a) Soil productivity b) Soil Health **c) Soil fertility** d) Soil Protection
45. Golden rice rich in _vitamin
- a) **A** b) B c) C d) D
46. The ability of a cell to produce entire plant growth
- a) Xenogamy b) Tissue culture **c) Totipotency** d) Geitonogamy
47. Equity value
- a) $\frac{\text{Owner equity}}{\text{Value of assiets}}$ b) $\frac{\text{Total Assets}}{\text{Total liabilites}}$ c) $\frac{\text{Total debet}}{\text{Owner equity}}$ d) $\frac{\text{Total current assents}}{\text{Total current liabilites}}$
48. In which type of greenhouse, the roof is lasts for long life
- a) **Rigid panel** b) Polyethene c) Glass d) Polyester
49. Cross between A line x R line
- a) **Hybride** b) Synthetic c) Inbreed d) Composite
50. In horizontal air flow the distance between fan to fan is
- a) 1 m b) 10 M **c) 15 m** d) 25 m
51. The process of obtaining kernels from the stripped groundnut pods is known as
- a) Shelling **b) Decortication** c) Stripping d) Harvesting
52. Duration of Grama panchayat is
- a) 4 years **b) 5 years** c) 3 years d) 2 years
53. Ctrl + c
- a) Cut **b) copy** c) Close d) Edit
54. Etawah pilot project implemented in the year
- a) 1946 **b) 1948** c) 1942 d) 1914
55. Example of antibiotics
- a) **Validmycine** b) Plantavax c) Oxathins d) Vitavax
56. The removal of moisture content in tobacco leaves is known as
- a) Priming **b) Curing** c) Desuckering d) Topping
57. Red sultana is a resistant variety of
- a) Powdery mildew **b) Downy mildew** c) Anthracnose d) Rust
58. The distance between two wheels of a tractor is called
- a) **Wheel track** b) Wheel base c) Ground clearance d) Turning space
59. Safe limit of RSC
- a) **< 1.25** b) 2.5 to 3.5 c) 1.2 to 3.2 d) 2.5

60. Olpad thresher is used in which crop
 a) Maize b) Paddy **c) Wheat** d) Sorghum
61. For controlling of Red gram sterility mosaic , _____ is used.
 a) **Sulphur** b) Imidacloprid c) Fipronil d) Nitrogen
62. Which disease is observed in Rice fallow Black Gram fields
 a) Corynespora leaf sport b) Powdery mildew c) YMV **d) Cercospora leaf sport**
63. Sunflower oil is best edible oil is due to presence of ____ Acid
 a) Oleic **b) Linoleic Acid** c) Malic d) Oxalic
64. Gram Equivalents of the solute present in a liter of the solution is
 a) Molality b) Molarity **c) Normality** d) Mole fraction
65. Predator of *Dipha aphidovara* is belongs to ____ order
 a) Hemiptera b) Coleoptera **c) Lepidoptera** d) Orthoptera
66. Molarity formula ____
 a) $M=n$ b) $M= n \times v$ **c) $M = \frac{n}{v}$** d) $M = V$
67. Which element is immobile in soil and mobile in plants
 a) N b) S **c) P** d) K
68. Nitrogen content in Urea
 a) 32 **b) 46** c) 48 d) 50
69. Percentage changing output and percentage input is known as
 a) **Ep** b) Mp c) Ap d) Fp
70. Which oil cake is used for controlling of nematodes
 a) Sesamum b) Groundnut **c) Neem cake** d) castor
71. NABARD is recommended by which committee
 a) Gorwala **b) Sivaraman** c) Nariman d) Gadgil
72. In which technique of PRA, observing, asking, listening, and discussing problems and opportunities while walking
 a) Venn b) Triangulation **c) Transect walk** d) Matrix
73. In hilly regions, which type of green house is suitable
a) Uneven b) Saw-toothed c) Even d) Lean-to-type
74. The hormone is used to prevent sprouting in onion & potato
 a) IAA **b) MH** c) 2,4-D d) Cycocel
75. Rhizobium strain used for Soyabean
 a) Rhizobium meliloti **b) Rhizobium japonicum**
 c) Rhizobium trifoli d) Rhizobium phaseoli

76. Live fence used in orchards

- a) Citrus b) Guava c) Okra **d) Karonda**

77. Electronegativity in periodic table from left to right

- a) Increases** b) Decreases c) Constant d) Same

78. Pearl like eggs are seen in

- a) Sesamia inferens** b) Exelastis atomosa
c) Scirpophaga incertulas d) Helicoverpa armigera

79. According to Mildert, ____ is the fundamental unit of civilization

- a) Family **b) Home** c) Society d) Man

80. Bahar treatment is practiced in

- a) Floriculture **b) Fruit crops** c) Vegetables d) Aromatic plants

81. Bucket sprayer power operated pressure

- a) 4–10 kg/cm²** b) 17–20 kg/cm² c) 14–18 kg/cm² d) 20–51 kg/cm²

82. Marshy spots of pea is the deficiency of

- a) Zinc b) Copper **c) Manganese** d) Magnesium

83. PMFBY launched in ____ year

- a) 2015 **b) 2016** c) 2017 d) 2018

84. Power required to pull the tractor loads

- a) BHP b) IHP c) FHP **d) Drawbar horse power**

85. Wheel hoe is used for

- a) Harvesting **b) Weeding** c) Sowing d) Threshing

86. The primary function of operating system in a computer

- a) To create a security **b) To manage hardware & software**
c) To compile programme d) To maintain storage

87. Which insecticide is used for blocking the stylets of an insect

- a) Dimethoate b) Emamectin benzoate **c) Pymetrozine** d) Fipronil

88. Fore wings of coleoptera

- a) Tectlers b) Fringed **c) Elytra** d) Hemelytra

89. Alkenes & Alkynes are ____ bonds

- a) Saturated **b) Unsaturated** c) Saturated & Unsaturated d) Highly saturated

90. Order for harvesting of lac

- a) Seed lac → Stick lac → Shellac b) Shellac → Stick lac → Seed lac
c) Seed lac → Shellac tack → Button lac **d) Stick → Seed → Shellac**

91. In which type of education acquiring skills from daily activities
 a) Formal **b) Informal** c) Non-formal d) Evaluation
92. Which method is used for selection for lay leaders
 a) Performance b) Interview c) Examination **d) Self-designating**
93. Intercropping with turmeric in chilli increases the incidence of disease
a) Anthracnose b) Bacterial leaf spot c) Powdery mildew d) Damping off
94. Which one is the green manure crop
a) Sun hemp b) Red gram c) Black gram d) Green gram
95. Maghi season in sorghum
 a) October b) June c) April **d) September**
96. At what pH, Phosphorus available in soil?
 a) 4.0-5.0 **b) 6.0-7.5** c) 8.0-9.0 d) 3-7
97. Addition of organic manure does not change which physical property of soil
a) Texture b) Bulk density c) particle density d) Soil color
98. Light traps are comes under which method of insect management?
 a) Mechanical b) Cultural **c) Physical** d) Chemical
99. In _____, only males are winged
a) Coccids b) Thrips c) mites d) Fleas
100. Young jowar plants contain harmful substance known as _____
a) Hydrocyanic acid (HCN) b) tannins c) oxalic acid d) Nitrates
101. Scientific name of Soybean ?
a) Glycine max b) oryzae sativa c) Zea mays d) none
102. Monophagous pest in rice?
a) YSB b) Gall midge c) BPH **D) WBPH**
103. Invasive pest in tomato
a) Pin worm b) Leaf miner c) Helicoverpa d) none
104. In cotton which pest during feeding insert the head inside the boll and leaving the body out side caused round holes?
a) Helicoverpa b) Spotted boll worm c) Pink boll worm d) Aphids
105. Natural ventilation occurs in which type of green house?
a) saw tooth type b) Ridge and furrow c) lean type d) none
106. The vertical distance between the top of the channel wall and maximum possible water level in the channel ____
a) free board b) Berm c) crest d) All the above

107. Which type of pump less affected by deviations vertical alignment of wells ?
a) submersible pump b) Centrifugal pump c) Turbine pump d) none
108. White mycelium growth in collar region in groundnut due to ?
a) stem rot b) Early Leaf spot c) Late leaf spot d) non
109. Isolation distance of self-pollinated crops when compared to cross pollinated crops is
a) less b) more c) same d) none
110. The value benefit of foregone alternative cost is known _____
a) opportunity cost b) variable cost c) fixed cost d) Average cost
111. Minimum Support prices are fixed by the recommendations of _____
a) NITI Aayog **b) CACP** c) Planning Commission d) none
112. White bud of Maize is due to
a) Zn b) N c) K d) Ca
113. Pusa grain bin developed by ? _____
a) IARI b) IHR c) ICMR d) ICAR
114. Bitterness of brinjal is due to?
a) glycoalkaloids b) Tannins c) Flavonoids d) Oxalic acid
115. Scientific name of vitamin E ?
a) Tocopherol b) Retinol c) Calciferol d) none
116. Tendrometer is used in which crop? _____
a) Red gram **b) Garden pea** c) Cow pea d) Chick pea
117. Pink berry is a physiological disorder of which crop?
a) Banan b) Mango **c) Grape** d) Straw berry
118. Polyembryony present in which crop?
a) Mango **c) Citrus** c) Guava d) none
119. India's first digital auction center is located at
a) Bangalore b) Hyderabad c) Delhi d) Kerala
120. Vinblastine and vincristine alkaloids are present in ?
a) periwinkle b) Ashwagandha c) Tulasi d) Isabgol

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