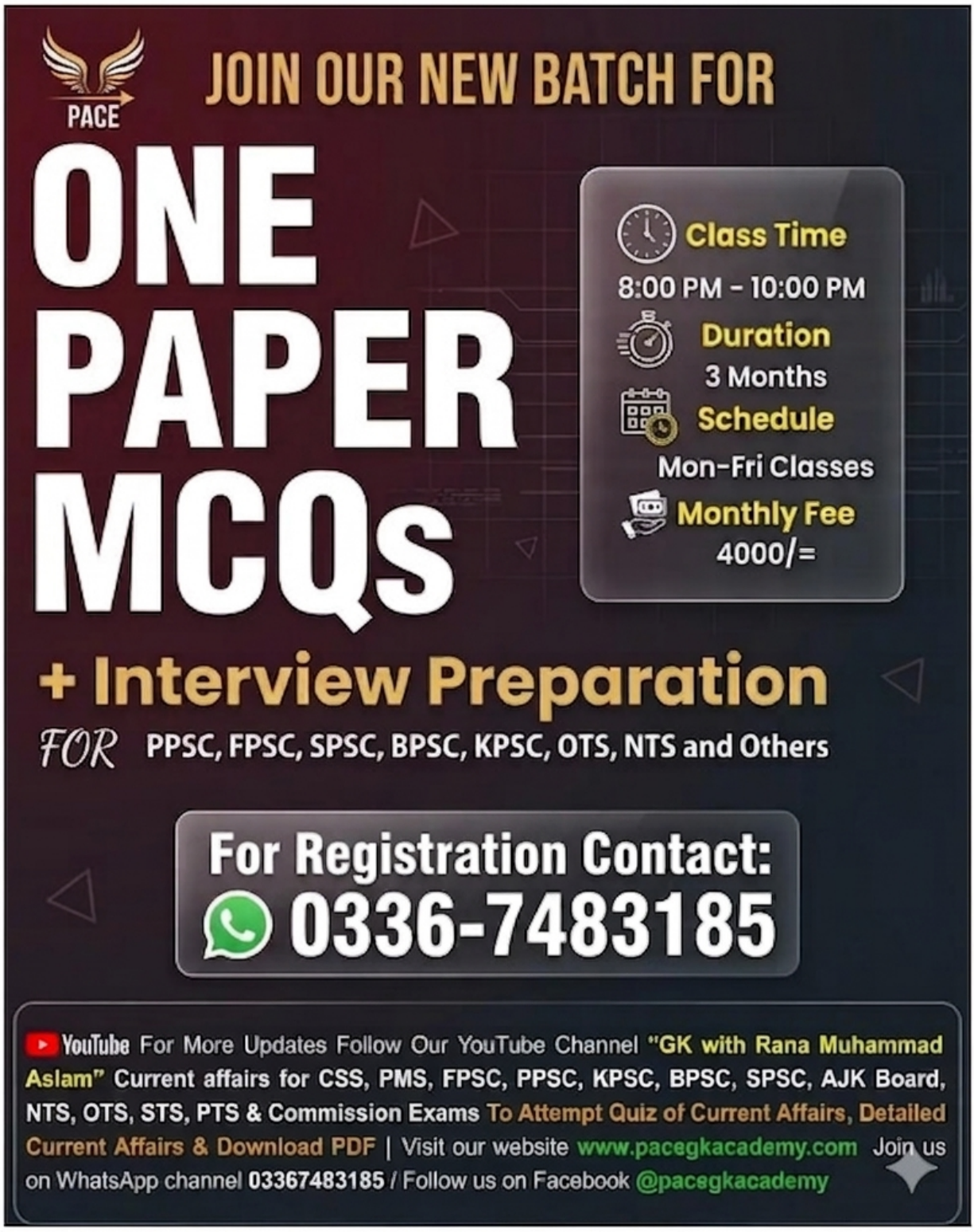
Agronomy


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Agronomy

Q.1: CCRI comprises of disciplines,
A. 6
B. **9**
C. 8
D. None of these

Q.2: CCRI was established in?
A. 1978
B. **1070**
C. 1968
D. None of these

Q.3: GOT stands for____?
A. **Ginning Out Tum**
B. Genetic Turn
C. Both A & B
D. None of these

Q.4: IPM stands for,
A. International Pest Management
B. Interior Pest Management
C. **Integrated Pest Management**
D. None of these

Q.5: The color of American bollworm adult is,
A. **Grey to brown**
B. White
C. Grey to red
D. None of these

Q.6: The only known natural vector of the cotton mosaic is,
A. Mites
B. **White fly**
C. Jassids
D. None of these

Q.7: Cotton leaf Mosaic is also known as,
A. **Cotton leaf mottle**
B. CLCV
C. Both A & B
D. None of these

Q.8: Cotton Leaf Mosaic was reported from Africa in,
A. **1959**
B. 1948
C. 1958
D. None of these

Q.9: Root Rot of cotton is a?
A. Bacterial disease
B. Viral disease
C. **Fungal disease**
D. None of these

Q.10: Casual organism of Root Rot of Cotton is,
A. Rhizoctonia solani
B. Rhizoctonia bataticola
C. **Both of them**
D. None of these

Q.11: Bacterial Blight of Cotton is caused by,
A. Rhizoctonia solani
B. Rhizoctonia bataticola
C. **Xanthomonas compestris**
D. None of these

Q.12: The order of Pink bollworm is,
A. **Lepidoptera**
B. Homoptera
C. Orthoptera
D. None of these

Q.13: ETL level of jassid is,
A. 5 adults or nymphs per leaf
B. 2 adults or nymphs per leaf
C. **1 adult or nymph per leaf**
D. None of these

Q.14: The family of thrips is;
A. Aphidida
B. pyralidae
C. **Tripidae**
D. None of these

Q.15: ETL level of thrips is;
A. **8-10 adults or nymph per leaf**
B. 10-12 adults or nymph per plant
C. 5-7 adults per plant
D. None of these

Q.16: Zoological name for cotton thrips is:
A. Aphis gossypii
B. **Thrips beharensis**
C. Chilo Partellus
D. None of these

Q.17: Zoological name for Aphids is;
A. Bemisia tabaci
B. Amrasca sevastans
C. **Aphis gossypii**
D. None of these

Q.18: ETL level of spotted bollworm is;
A. **three larvae per 25 plants**
B. Two larvae per 25 plants
C. Seven larvae per 25 plants
D. None of these

Q.19: ETL level of American bollworm is;
A. 2 eggs or 3 larvae per 25 plants
B. 3 eggs or 4 larvae per 25 plants
C. **5 brown eggs or 3 larvae or collectively per 25 plants**
D. None of these

Q.20: Pink bollworm belongs to the family;
A. **Gelechiidae**
B. Gryllidae
C. Pyralidae
D. None of these

Q.21: Zoological name of Jassid is?
A. Phyctia infusella
B. **Amrasca devastans**
C. Both A & B
D. None of these

Q.22: Family of American bollworm is;
A. **Noctuidae**
B. Lygaeidae
C. Acrididae
D. None of these

Q.23: Another name for American bollworm?
A. Domesticu
B. **Heliothis**
C. Tabaci
D. None of these

Q.24: Sex pheromones traps are used for the pest of;
A. American bollworm
B. Pink bollworm
C. **Both a & b**
D. None of these

Q.25: Zoological name for Armyworm is;
A. **Mythimna separat**
B. Syllepta dergata
C. Both A & B
D. None of these

Q.26: One of the following pests on seed of cotton;
A. **House cricket**
B. Pink bollworms
C. Both A & B
D. None of these

Q.27: Which of the following is a beneficial insect of cotton?
A. Pirate bug
B. Syrphid fly
C. **Both of above**
D. None of these

Q.28: Zoological name of American bollworm is;
A. **Helicoverpa armigera**
B. Amrasca devastans
C. Earias insulana
D. None of these

Q.29: Sucking type of insect pests of cotton mostly belong to order;
A. Lepidoptera
B. **Homoptera**
C. Both A & B
D. None of these

Q.30: Chewing type insects of cotton belong to order;
A. **Lepidoptera**
B. Homoptera
C. Coleoptera
D. None of these

Q.31: Technical name of spotted bollworm is;
A. Earias vittella
B. Earias insulana
C. **Both of above**
D. None of these

Q.32: Whitefly belongs to one of the following family;
A. Lytaeidae
B. **Aleyrodedae**
C. Noctuidae
D. None of these

Q.33: Technical Name of whitefly is;
A. Syllepta dergata
B. Mythimna separate
C. **Bemisia tabaci**
D. None of these

Q.34: ETL level of Aphid is
A. 8-10 per leaf
B. **6-8 per leaf**
C. 10-12 per leaf
D. None of these

Q.35: The veins of leaf become thick and can be seen clearly on the lower side of leaf this happens due to attack of;
A. **CLCV**
B. Jassids
C. Whitefly
D. None of these

Q.36: ETL level of whitefly is; .
A. One adult or one nymph per leaf
B. Two adults or one nymph per leaf
C. **4-5 nymph or adult per leaf**
D. None of these

Q.37: Rosette' type of flower is formed due to attack of;
A. Whitefly
B. Spotted bollworm
C. **Pink bollworm**
D. None of these

Q.38: The length of whitefly adult is;
A. 0.5-1mm
B. 2-2.5mm
C. **1-1.5mm**
D. None of these

Q.39: One of following insects acts as a vector (carrier) for CLCV?
A. **Whitefly**
B. Aphids
C. Jassids
D. None of these

Q.40: One of the following is a sucking type of insects;
A. Heliothis
B. **Whitefly**
C. Spotted bollworm
D. None of these

Q.41: In Pakistan the no. of insect species known to occur on cotton crop are;
A. 140
B. **148**
C. 160
D. None of these

Q.42: In world the no. of insect species known to occur on cotton crop are;
A. 1300 species
B. **1362 species**
C. 1262 species
D. None of these

Q.43: Main reason behind the shedding of flowers in cotton;
A. Low temperature
B. **High temperature**
C. Humidity
D. None of these

Q.44: Cotton seed means;
A. Seed with lint
B. **Seed without lint**
C. Seed obtained from cotton boll
D. None of these

Q.45: Seed cotton means;
A. **Seed with lint**
B. Seed of cotton crop
C. Seed without lint
D. None of these

Q.46: In cotton, the recommended pxp distance is usually;
A. 9 inches
B. **12inches**
C. 4 inches
D. None of these

Q.47: The average yield of seed cotton per hectare basis during 1999. 2000 was;
A. 680 kg/ha
B. 512 kg/ha
C. **641 kg/ha**
D. None of these

Q.48: Picking of cotton starts from,
A. **October-December**
B. December-January.
C. February-March
D. None of these

Q.49: No. of irrigations required by the cotton crop are;
A. 5-irrigations+rauni irrigation
B. **7- irrigations+rauni irrigation**
C. 4- irrigations+rauni irrigation
D. None of these

Q.50: Delta of water of cotton crop is___?
A. 30 Acre inches
B. **25 Acre inches**
C. 18 Acre inches
D. None of these

Q.51: Best time of sowing of cotton is,
A. Mid March-Mid April
B. Mid June-Mid July
C. **Mid May-Mid June**
D. None of these

Q.52: In cotton, the recommended RxR distance is____?
A. **75cm**
B. 90cm
C. 45cm
D. None of these

Q.53: The recommended method, which is used for cotton sowing;
A. Broadcast Method
B. **Drill Method**
C. Both b& c
D. None of these

Q.54: Seed rate of Desi cotton per acre is;
A. 10-22kg
B. **5-6kg**
C. 21-14 kg
D. None of these

Q.55: Seed rate of American cotton per acre is;
A. **10-12 kg**
B. 15-18 kg
C. 6-8 kg
D. None of these

Q.56: Which is one of the new varieties of cotton?
A. NIAB-78
B. **CIM-478**
C. Both
D. None of these

Q.57: The varieties of cotton evolved during 1980, were;
A. NIAB-78
B. MNH-93
C. S-12
D. **All of above**

Q.58: CCRI stands for?
A. Cotton Crop Research Institute
B. Center for Crop Research Institute
C. **Central Cotton Research Institüte**
D. None of these

Q.59: Cotton is a crop;
A. Shallow rooted
B. **Deep rooted**
C. Both of above
D. None of these

Q.60: One of the following accounts for 90% of total world cotton production;
A. Gossypium arboreum
B. Gossypium barbadense
C. **Gossypium hirsutum**
D. None of these

Q.61: The unproductive or indirect fruit bearing branches of cotton are called;
A. Sympodial branches
B. **Monopodial branches**
C. Vegetative branches
D. None of these

Q.62: The reproductive branches of cotton plant are called;
A. Monopodial branches
B. **Sympodial branches**
C. Fruiting branches
D. None of these

Q.63: Optimum pH for cotton plant lies between,
A. 5.2-9.0
B. **5.2-7.0**
C. 3.5-5.5
D. None of these

Q.64: In Pakistan, cotton is cultivated on an area (million, hectares)
A. 4.00
B. **3.00**
C. 2.00
D. None of these

Q.65: In Punjab, cotton is cultivated on an area of;
A. 60% of total cultivated area
B. 50% of total of total cultivated area
C. 40% of total of total cultivated area
D. **None of these**

Q.66: On the basis of season, cotton is a?
A. **Kharif crop**
B. Rabi crop
C. Zaid kharif crop
D. None of these

Q.67: Bacillus thuringensis is a kind of;
A. Virus
B. **Bacteria**
C. Fungi
D. None of these

Q.68: In B.T. cotton, B.T. stands for;
A. **Bacillus thuringensis**
B. Bemisia trachypterus
C. Bemisia tabaci
D. None of these

Q.69: Cotton is a crop of;
A. Tropical region
B. Sub-Tropical region
C. **Both a & b**
D. None of these

Q.70: The root of cotton crop goes up to the depth of
A. 2-3 feet
B. 8-10feet
C. **4-6 feet**
D. None of these

Q.71: Cotton plant has a mode of germination;
A. Hypogeal germination,
B. **Epigeal germination,**
C. Both of above
D. None of these

Q.72: Cotton plant has the following type of growth;
A. Determinate type growth
B. **Indeterminate type of growth**
C. Semi-determinate
D. None of these

Q.73: Cotton plant belongs to one of the following categories;
A. C4 plants
B. CAM plants
C. **C3 plants**
D. None of these

Q.74: APTMA stands for;
A. **All Pakistan Textile Mills Association**
B. All Pakistan Trade Monitoring Association
C. All Pakistan Trade Monitoring Agency
D. None of these

Q.75: CLCV stands for;
A. Cotton leaf cover virus,
B. **Cotton leaf curl virus**
C. Curl leaf cotton virus
D. None of these

Q.76: In 1992-93, the great decrease in the production of cotton was due to attack of?
A. **American bollworm**
B. Cotton leaf curl virus
C. Spotted bollworm
D. None of these

Q.77: In 1991-92 the record production of cotton was;
A. **12800000 bales**
B. 10000000 bales
C. 1200000 bales
D. None of these

Q.78: Delta pine variety of cotton was imported in Pakistan in year;
A. **1968**
B. 1970
C. 1971
D. None of these

Q.79: On the basis of cotton cultivated area, which one of the following country has more area cultivated by cotton and occupies first position;
A. Pakistan
B. America
C. **India**
D. None of these

Q.80: On the basis of yield of cotton per hectare, which of the following country occupies 2nd position?
A. **Turkey**
B. Pakistan
C. China
D. None of these

Q.81: On the basis of yield of cotton per hectare, one of the following countries occupies 1st position;
A. Pakistan
B. **Australia**
C. America
D. None of these

Q.82: Amongst the cotton exporting countries, the No. of China is;
A. 1st,
B. **2nd,**
C. 3rd
D. None of these

Q.83: Amongst the cotton exporting countries, the No. of Pakistan is;
A. 1st,
B. **3rd**
C. 2nd
D. None of these

Q.84: Amongst the cotton exporting countries, the No. of is; America?
A. **1st**
B. 2nd
C. 3rd
D. None of these

Q.85: The name of person who invented the first ginning machine is;
A. William Black
B. **Withey**
C. Thomas Houghten
D. None of these

Q.86: First ginning machine was invented in;
A. 1893 A.D.
B. 1880 A.D.
C. **1793 A.D.**
D. None of these

Q.87: In China, cotton was cultivated as a crop in:
A. 7TH century A.D.
B. **4TH century A.D.**
C. 10TH century A.D.
D. None of these

Q.88: In England, cotton was imported for the time in;
A. **1430 A.D.**
B. 1435 A.D.
C. 1530 A.D.
D. None of these

Q.89: Gossypium barbadense was developed from a cross b/w?
A. **Gossypium herbaceum & Gossypium raimondi**
B. Gossypium arboreum & Gossypium raimondi
C. Gossypium hirsutuin & Gossypium raimondi
D. None of these

Q.90: Gossypium hirsutum was developed from a cross b/w
A. Gossypium arboreum & Gossypium raimondi
B. **Gossypium arboreum -& Gossypium thurberii**
C. Gossypium arboreum & Gossypium barbadense
D. None of these

Q.91: Gossypium barbadense was originated in;
A. Central & North America
B. **Central & South America**
C. Central & South Asia
D. None of these

Q.92: Gossypium herbaceum was originated in;
A. **Ethiopia & South Africa**
B. Kenya & North Africa
C. Indonesia & Central America
D. None of these

Q.93: Gossypium hirsutum was originated in;
A. Asia & North Africa
B. **South Mexico & Central America**
C. North Mexico & North America
D. None of these

Q.94: Genus of cotton is;
A. hirsutum
B. Triticum
C. **Gossypium**
D. Cotton

Q.95: Gossypium arboreum is;
A. Tetraploid
B. Triploid
C. **Diploid**
D. None of these

Q.96: Gossypium hirsutum is;
A. **Tetraploid**
B. Triploid
C. Diploid
D. None of these

Q.97: Botanical name of Desi cotton is;
A. Gossypium herbaceum
B. Gossypium hirsutum
C. **Gossypium arboreum**
D. None of these

Q.98: Botanical name of American cotton is?
A. **Gossypium hirsutum**
B. Gossypium barbadense
C. Gossypium arboreum
D. Gossypium herbaceum

Q.99: The cotton plant belongs to family:
A. Gramineae
B. **Malvaceae**
C. Fabaceae
D. Solanaceae

Q.100: Which one of the following is a major fiber crop of Pakistan:
A. Sugarcane
B. Sesame
C. **Cotton**
D. Rice

Agronomy (Answer Key)

1. **B**	2. **B**	3. **A**	4. **C**	5. **A**	6. **B**	7. **A**	8. **A**	9. **C**	10. **C**
11. **C**	12. **A**	13. **C**	14. **C**	15. **A**	16. **B**	17. **C**	18. **A**	19. **C**	20. **A**
21. **B**	22. **A**	23. **B**	24. **C**	25. **A**	26. **A**	27. **C**	28. **A**	29. **B**	30. **A**
31. **C**	32. **B**	33. **C**	34. **B**	35. **A**	36. **C**	37. **C**	38. **C**	39. **A**	40. **B**
41. **B**	42. **B**	43. **B**	44. **B**	45. **A**	46. **B**	47. **C**	48. **A**	49. **B**	50. **B**
51. **C**	52. **A**	53. **B**	54. **B**	55. **A**	56. **B**	57. **D**	58. **C**	59. **B**	60. **C**
61. **B**	62. **B**	63. **B**	64. **B**	65. **D**	66. **A**	67. **B**	68. **A**	69. **C**	70. **C**
71. **B**	72. **B**	73. **C**	74. **A**	75. **B**	76. **A**	77. **A**	78. **A**	79. **C**	80. **A**
81. **B**	82. **B**	83. **B**	84. **A**	85. **B**	86. **C**	87. **B**	88. **A**	89. **A**	90. **B**
91. **B**	92. **A**	93. **B**	94. **C**	95. **C**	96. **A**	97. **C**	98. **A**	99. **B**	100. **C**