

**WRITTEN TEST FOR THE SELECTION OF
ASSISTANT MANAGER (FD)**

Time: 90 minutes

Maximum Marks:100

This test consists of 100 multiple choice questions. Details are indicated below:

Sl. No.	Topic	Questions
1	Subject Awareness	1-60
2	General English/Reasoning	61-90
3	General Awareness	91-100

INSTRUCTIONS

1. Before you start answering, check whether your Question Booklet is in order and contains 12 pages.
2. Mark your answers in the OMR sheet provided.
3. Read and follow the instructions given in the OMR sheet before marking answers and writing details.
4. Use only **black/blue ball point pen** for writing details in the boxes and shading the bubble.
5. There will be no negative marks.
6. Use of calculators, mobile phone, books, any other paper or materials will not be permitted.
7. Put your signature in the space provided in the OMR Sheet, in the presence of the invigilator.
8. Rough work may be done on page 12 only. No other markings are allowed on the question booklet & OMR sheet.
9. Follow the instructions of the invigilators in all matters inside the examination hall.
10. Handover the question booklet and OMR sheet to the invigilator at the end of the test.

WARNING

1. Pen marking once made is final.
2. Fresh OMR Sheet/Question Booklet will not be supplied for any reason except printing/manufacturing defects.
3. Avoid perforation, dampening or soiling of the OMR Sheet.
4. Any attempt to erase the pen mark once made will leave smudges or marks on the bubble which will be treated as a valid mark.
5. Any fresh mark made after attempting erasure of an already marked bubble will lead to multiple marks and lead to being considered wrong answer.
6. Use of white fluid or any other correction fluid to erase the pen marking once made is not permitted. Any attempt to do so will result in summary rejection of the Answer Sheet.

**D
O
N
O
T
O
P
E
N
U
N
T
I
L
T
O
L
D
T
O
D
O
S
O**

Direction (Questions 1 to 60): Choose the best alternative

1. The instrument used for measuring depth of water table is known as
 - a. Lysimeter
 - b. Piezometer
 - c. Odometer
 - d. Evaporimeter
2. NABARD was established on the recommendations of
 - a. Sivaraman Committee
 - b. Narasimhan Committee
 - c. Public Accounts Committee
 - d. Kelkar Committee
3. Dibbler is used for
 - a. Levelling of land
 - b. Ploughing
 - c. Seed sowing
 - d. Interculture
4. The largest tea producing State in India is
 - a. Kerala
 - b. Assam
 - c. West Bengal
 - d. Tamil Nadu
5. Ammonia is transformed into nitrate by
 - a. Algae
 - b. Fungi
 - c. Bacteria
 - d. Actinomycetes
6. The only plant growth regulator in gaseous state is
 - a. Ethylene
 - b. Arthocyanin
 - c. Auxin
 - d. Cytokinin
7. The first discovered protective insecticide was
 - a. BHC
 - b. DDT
 - c. Diazinon
 - d. None of these
8. The exchange of gases in respiration in insect takes place through
 - a. Lungs
 - b. Book lungs
 - c. Spiracles
 - d. Cuticle
9. The colour tag for foundation seed is
 - a. White
 - b. Yellow
 - c. Blue
 - d. Red
10. A fodder crop that is profitably grown in coconut gardens
 - a. Fodder cowpea
 - b. Guinea grass
 - c. Fodder maize
 - d. None of the above
11. The plants which open their stomata during night for taking CO₂ are known as
 - a. C₃
 - b. CAM
 - c. C₄
 - d. All of above
12. Khaira disease in rice is due to the deficiency of
 - a. B
 - b. Mn
 - c. S
 - d. Zn
13. Law of minimum was given by
 - a. Blackman
 - b. Liebig
 - c. Oement
 - d. Shelford

14. The simplest measure of variability in a data set is
a. Range b. Mean c. Median d. Mode
15. Pheromone trap attracts
a. Caterpillars b. Female bugs c. Female moths d. Male moths
16. Cassava mosaic virus is transmitted by
a. Aphid b. Mealy bug c. Whitefly d. Thrips
17. More demand at less price is called
a. Extension b. Appreciation c. Increase d. Contracts
18. A fruit rich in Vitamin A content
a. Apple b. Mango c. West Indian Cherry d. Mangosteen
19. An alternate host of rice stem borer is
a. Johnson grass b. Barnyard grass c. Nut sedge d. Marcetia
20. Hybrid varieties were first commercially exploited in
a. Bajra b. Tomato c. Cotton d. Maize
21. Occurrence of quartz in high amounts makes a rock
a. Soft b. Hard c. Acidic d. Alkaline
22. Gravitational water is held in soil at a tension of
a. less than $\frac{1}{3}$ atmosphere b. 1.25 atmosphere
c. 0.5 atmosphere d. 5.00 atmosphere
23. SREP is an important component in the functioning of
a. HYVP b. IVLP c. ATMA d. None of these
24. The weed that is used as a pollution indicator
a. Bermuda grass b. Orobanch c. Chick weedd. Striga
25. Specialization will be most profitable if products are
a. Complementary b. Competitive c. Supplementary d. None of these
26. Farming System Research Station (FSRS) under KAU is located at
a. Sreekariyam b. Karamana c. Konni d. Kottarakkara

27. Cashew is propagated commercially by
a. Veneer grafting b. Soft wood grafts c. Patch budding d. Cleft grafting
28. Total utility is maximum when the marginal utility is
a. Zero b. One c. Negative d. >1
29. Powdery mildew of cucurbits is caused by
a. Colletotrichum b. Erysiphe c. Candida d. Phytophthora
30. Available water is the moisture held
a. between FC and PWP b. above FC c. at FC d. none of these
31. A group of bacteria that fixes nitrogen in association with the roots of leguminous crops
a. Azospirillum b. Azotobacter c. Rhizobium d. Azolla
32. Deficiency symptoms of calcium on plants first appear at
a. Lower leaves b. Middle leaves c. Terminal leaves d. All leaves
33. Muriate of Potash is
a. K_2SO_4 b. KCl c. K_2HPO_4 d. KNO_3
34. The main reason of Irish Famine in potato was
a. Late blight disease b. Bacterial blight disease
c. Blast disease d. Ear cockle disease
35. Albert Mayer is the name associated with
a. Nilokheri Development Project b. Firka Development Project
c. Etawah Pilot Project d. Shriniketan Project
36. The "Queen of Spices" is
a. Cardamom b. Pepper c. Clove d. Nutmeg
37. Yellow coloured fruits are rich in
a. Vitamin C b. Vitamin D c. Vitamin E d. Vitamin A
38. First Krishi Vigyan Kendra (KVK) was started in
a. Bombay b. Pondicherry c. Madras d. Calcutta
39. Proteins are synthesized in
a. Centrosomes b. Mitochondria c. Golgi bodies d. Ribosomes

40. Endosulfan is also known as
a. B.H.C b. Aldrin c. Thiodan d. Lindane
41. In a honey bee colony, drones are
a. Fertile females b. Imperfectly developed females
c. Fertile males d. Imperfectly developed males
42. Mean copra content for mother palm should be a minimum of
a. 120 gm/nut b. 130 gm/nut c. 140 gm/nut d. 150 gm/nut
43. Abnormal leaf fall of rubber is due to
a. *Phytophthora palmivora* b. *Phytophthora meadii*
c. Both of these d. None of these
44. Suitable pH range for rice cultivation is
a. 3 – 5 b. 5 – 8 c. 8 – 10 d. All of these
45. World's first pepper hybrid
a. Thevam b. Panchami c. Karimunda d. Panniyur - 1
46. The fungus used for coir pith composting is
a. Ganoderma b. Trichoderma c. Pleurotus d. All of these
47. *Salvinia molesta* (African payal) can be controlled biologically using
a. Weevil b. Beetle c. Caterpillar d. Grass hopper
48. Study of grass cultivation for animal consumption is called
a. Agrostology b. Crop husbandry c. Agro forestry d. Grassology
49. *Phalaris minor* is a major weed crop of
a. Wheat b. Maize c. Barley d. Oats
50. *Tritium aestivum* (bread wheat) is
a. Diploid b. Haploid c. Hexaploid d. Tetraploid
51. Demonstration conducted by the farmer under the direct supervision of extension worker is
a. Result demonstration b. Method demonstration
c. Front line demonstration d. None of these
52. The person considered as the "Father of Hybrid Rice" is
a. M.S. Swaminathan b. N.E Borlaug
c. Verghese Kurien d. Yuan Longping

53. According to flowering habit, date palm is
a. Monoecious b. Dioecious c. Hermaphrodite d. Andromonoecious
54. Number of agro-climatic zones in India (according to Planning Commission) is
a. 16 b. 18 c. 15 d. 20
55. Gossypol is a pigment obtained from
a. Cotton b. Gypsy moth c. Wild grasses d. Fungus
56. An example for a non-selective herbicide
a. 2, 4 – D b. Fluchloralin c. Paraquat d. None of these
57. Sugar Baby is a variety of
a. Snake gourd b. Pumpkin c. Bitter gourd d. Water melon
58. The removal of off-type plants from a lot of high yielding plants is termed as
a. Culling b. Roguing c. Pulling d. None of these
59. Retting of jute is a
a. Chemical process b. Physical process
c. Mechanical process d. Microbiological process
60. The quickest method of developing a lawn is by
a. Seed sowing b. Dibbling c. Turfing d. Plastering

Direction (Question 61): Fill in the blanks with the correct pair of words or phrases so that the sentence is grammatically correct and meaningful.

61. Theof my professors inspired me tohard and win the competition.
a. advise practise b. advicepractise
c. advise practice d. advicepractice

Direction (Questions 62 & 63): Each question gives a sentence with a part of the sentence underlined. Four alternatives for the underlined part are given. One of them is correct. Identify the correct one and mark its letter as the answer.

62. Being a recently divorced man with full custody of children, I was determined to give them a normal and stable a home life as possible.
a. a normal and stable a home life
b. a normal as well as stable a home life
c. as normal and stable a home life
d. a home life which is normal and stable

63. I have much memories about my father and about growing up with him in our apartment which is next t the elevated train tracks.

- a. much memories
- b. all memories
- c. many memories
- d. more memories

Direction (Questions 64 & 65): Identify the incorrect sentence or sentences.

64. a. In most Indian households, the man alone manages the finance.
b. It is important for the women to take stock of family asset
c. She must learn to manage them in advance of any unfortunate situation
d. I brief my wife periodically

- a. a and b
- b. a, b and c
- c. only c
- d. only d

65. a. Water blessed our nation this year and also cursed it.
b. Downpours ended California's drought, and a dry summer seared South Carolina
c. The Midwest still reels from flood
d. Water is on everyones mind

- a. only b
- b. b and d
- c. a, b and c
- d. b, c and d

Direction (Questions 66 & 67): In each question given below, identify the word which is similar in meaning (synonyms) to the question word.

66. ABSTEMIOUS

- a. self-centered
- b. self-satisfied
- c. self-abnegating
- d. self-controlled

67. INCLINATION

- a. tendency
- b. skill
- c. fame
- d. favour

Direction (Questions 68 to 70): Each question has a word followed by four choices. From the choices, identify the one which is opposite in meaning (antonym) to the main word and mark its number as your answer.

68. HAPHAZARD

- a. cumbersome
- b. concocted
- c. orderly
- d. zigzag

69. IMPUDENT

- a. rude
- b. courteous
- c. impertinent
- d. insolent

70. MOROSE

- a. witty
- b. splendid
- c. buoyant
- d. inconsequential

Direction (Questions 71 to 80): Choose the best alternative

71. Classes A and B have 35 students each. If seven girls shift from class A to class B, then the number of girls in the classes would interchange. If four girls shift from class B to class A then the number of girls in class A would be twice the original number of girls in class B. What is the number of boys in class A and in class B?
- a. 18 and 11 b. 24 and 17 c. 18 and 27 d. 17 and 24
72. In a three digit number the tens digit is the average of the other two digits. The ratio of the number formed by its first two digits and their sum equals the ratio of the number formed by its last two digits and their sum. How many three digit numbers satisfy these conditions?
- a. 7 b. 8 c. 9 d. 6
73. There are a certain number of soldiers in a field. If the soldiers are arranged in rows of 8 or 15 or 20, one soldier is left out. If the soldiers are arranged in rows of 9 or 13, four soldiers only are left out. Find the number of soldiers in the field.
- a. 109 b. 113 c. 117 d. 121
74. A trader sells an article at a profit of Rs.25. If the cost price is reduced by Rs.25 and consequently the selling price is reduced by 25% he would make a profit of 25%. What is his initial cost price?
- a. Rs.100 b. Rs.50 c. Rs.75 d. Rs.40
75. Anwar borrowed Rs.72000 at 20% p.a. compound interest, interest being compounded annually. He repaid Rs. x at the end of the first year. He repaid Rs.57600 at the end of the second year and thereby cleared the loan. Find x .
- a. 40000 b. 36000 c. 38400 d. 32000
76. The average age of a group of men is 20 years. Two men whose ages are 23 years and 27 years joined the group. The average age of the group increased by a prime number. The number of men in the original group is
- a. 3 b. 4 c. 5 d. 6
77. Two numbers run in the same direction along a circular track 3 km in length. The faster runner overtakes the slower every 1 hour. Find the speed of the slower runner, if the faster one completes one length of the track 2 minutes sooner than the other.
- a. 20 kmph b. 18 kmph c. 15 kmph d. 12kmph
78. An athlete runs a race and after every hour, his speed reduces to half the speed with which he travelled for the previous hour. Find the time taken to cover the race, if the person started the race with a speed of 16 km/hr and the length of the race was 31.5 km.
- a. 4 hours b. 6 hours c. 8 hours d. 5 hours

79. In how many ways can 5 boys and 3 girls sit around a table in such a way that no two girls sit together?
- a. 480 b. 960 c. 320 d. 1440
80. A tourist covers half of his journey by train at 60 km/hr, half of the remainder by bus at 30 km/hr and the rest by cycle at 10 km/hr. The average speed of the tourist in km/hr during his entire journey is
- a. 36 b. 30 c. 24 d. 18

Direction (Question 81): Complete the following series

81. BDCAG, DHFBN, HPLDB, PFXHD, FLVPH,
- a. LXRFP b. LVTDN c. JTPDN d. LZVRL

Direction (Question 82): Find the missing term

82. Kangaro : Hopping : : Snake :
- a. Crawling b. Mongoose c. Poisonous d. Bite

Direction (Question 83): Find the odd man out

83. a. Sculptor b. Blacksmith c. Carpenter d. Profession

Direction (Question 84): Select the correct alternative from the given choices

84. In a certain code language, if the word CUSTOMER is coded as RCEUMSOT, then how is the word IMMACULATE coded in that language?
- a. EITMMALAUC b. EITMAMLAUC c. ETEMAMALUC d. EITMMALUAC

Direction (Question 85): Choose the best alternative

85. My sister's daughter's grand mother's only child's only son is my
- a. son b. nephew c. brother d. cannot be determined

Direction (Questions 86 & 87): These questions are based on the following data.

B – 1, B – 2 and B – 3 are three buses that travel from Mumbai to Delhi. Each bus starts at a different time and arrives at a different time. The digit in the bus number and the order of their departure or arrival is not the same. The first bus to leave Mumbai is the third bus to reach Delhi.

86. Which is the first bus to leave Mumbai?
- a. B – 1 b. B – 2 c. B – 3 d. B – 1 or B – 2
87. Which is the second bus to reach Delhi?
- a. B – 1 b. B – 2 c. B – 3 d. B – 1 or B – 3

Direction (Questions 88 to 90): These questions are based on the following information.

Each of the seven delegates A through G came to India to attend a conference from seven different countries – China, Japan, Malaysia, England, Australia, Germany and Poland.

- (i) China, Japan and Malaysia are the only Asian countries.
- (ii) A and B are from Asian countries whereas D is neither from England nor from Australia.
- (iii) E and F are from non Asian countries but neither of them came from either Australia or England.
- (iv) C is not from England and the person from Poland is not F
- (v) A is from China.

88. Who is from Germany?

- a. E b. C c. F d. G

89. Who is from Malaysia?

- a. B b. D c. A d. Either A or B

90. Which country did G come?

- a. England b. Australia c. Poland d. Cannot be determined

Direction (Questions 91 to 100): Choose the best alternative

91. The Kyoto Protocol on global warming came into effect from February 2005. All the nations except two have accepted and implemented the protocol in their countries. Which are these two countries?

- a. India and Pakistan b. Pakistan and Bangladesh
c. US and Australia d. None of the above

92. How many Schedules are there in the Indian Constitution?

- a. 11 b. 12 c. 13 d. 14

93. Which one of the following has been adopted by World Wildlife Fund as its mascot?

- a. Bear b. Tiger c. Deer d. Panda

94. Which of the following is a dry-affected zone?

- a. Brahmaputra delta b. Mahanadi delta
c. Rayalseema delta d. Tamil Nadu delta

95. Plimsoll line is a reference line in a

- a. Plane b. Train c. Ship d. Submarine

96. Study of field crops is called

- a. Pomology b. Agronomy c. Olericulture. Floriculture

97. Who is the author of the book, *Is Paris Burning?*
- a. John Grishma
 - b. Lapierre & Collins
 - c. Christopher Paolini Knopf
 - d. Michael Moore
98. Which is the purest form of iron?
- a. Steel
 - b. Cast iron
 - c. Pig iron
 - d. Wrought iron
99. The ancient name of North Bihar was
- a. Videha
 - b. Vatsa
 - c. Surasena
 - d. Avanti
100. Which of the following terms is not related with the game of lawn tennis?
- a. Love
 - b. Mid on
 - c. Smash
 - d. Slice

Rough Work