

3102-GBU-BRC-PM

(DO NOT OPEN THE BOOKLET UNLESS TOLD TO DO SO)

C

UB Group
Paper – II

Booklet Series

Written Test (Objective Type)

Test Booklet No.

No. Of Questions - 50

Max Marks – 100

Time – 30 Minutes

Instructions:

- I. Read carefully the instructions given below before answering the questions.
- II. This multiple choice question paper I consists of 50 questions, Booklet carries 8 pages.
- III. Fill your Roll No, Paper I Test Booklet No, Booklet Series clearly without any overwriting.
- IV. Darken only **ONE** Choice with **black Ball pen** from the four options marked **a, b, c, d** on the **OMR** sheet provided.
- V. The instructions on the OMR sheet should be followed carefully.
- VI. Each question carries 2 marks.
- VII. All questions are compulsory.
- VIII. Do not write anything on this question booklet. Only filled OMR sheet will be accepted as answer script.
- IX. You will be provided extra sheets for rough works which must be later attached at the end of pages.
- X. Candidate should allocate their time judiciously in all the Questions.

ROUGH WORK



Booklet Series

UP Group

Paper - II



Written Test (Objective Type)

Test Booklet No.

Total Questions - 50

Max Marks - 100

Time - 30 Minutes

- I. Read carefully the instructions given below before answering the questions.
- II. The booklet contains questions and 1 answer of 50 questions. Mark the correct answer on a separate sheet.
- III. Fill your Roll No. Paper I Test Booklet No. Booklet Series clearly and correctly on the separate sheet.
- IV. Answer only 40 MCQs. Choose with care. Half test from the remaining questions marked as 'A' will be taken. These will be provided.
- V. The questions on the 'A' list are to be attempted randomly.
- VI. Each question carries 2 marks.
- VII. All questions are compulsory.
- VIII. Do not write anything on this question booklet. Only filled OMR sheet will be accepted for marking.
- IX. You will be provided with separate rough work sheets which must be kept attached to the back of the booklet.
- X. Candidates should discuss the correct answers with their friends.

61. Allen buys a car for Rs. 4,46,000 and sells it for Rs. 5,20,000. What is his profit?
a. Rs. 74000
b. Rs. 72000
c. Rs. 76000
d. Rs. 78000
62. The ratio of the age of a father to that of his son is 5:2. If the product of their ages in years is 1000, then the father's age (in years) after 10 years will be
a. 50
b. 60
c. 80
d. 100
63. The marked price of an article is Rs. 80. If it is sold at Rs. 72, what is the discount?
a. 10%
b. 5%
c. 8%
d. 6%
64. M/s. R.K. Enterprise announced a festival discount of 30% on mobile phones. James bought a mobile phone for himself & got a discount of Rs. 960. What was the list price of the mobile phone?
a. Rs. 3000
b. Rs. 3200
c. Rs. 3400
d. Rs. 3600
65. What causes day and night?
a. Earth's rotation around its axis
b. Earth's rotation around the sun
c. Earth's rotation around the moon
d. None of the above
66. Ashok repaid an amount of Rs. 9,125 to the bank, which includes an interest of Rs. 625. What was the money that he borrowed from the bank?
a. Rs. 8500
b. Rs. 8550
c. Rs. 8400
d. Rs. 8450
67. Calculate the compound interest on Rs. 3600 at 10% per annum for 3 years, compounded annually.
a. Rs. 1301.606
b. Rs.1191.60
c. Rs.2191.60
d. Rs. 3191.6
68. In a battalion camp there are 800 officers and men. There is enough ration for them for 60 days. If 400 more men arrive at the camp, how many days will the ration last?
a. 40 days
b. 30 days
c. 24 days
d. 20 days
69. Helen said that the ratio of her weight to that of Harry is 8:9. If Helen weighs 40 kg, what is the weight of Harry?
a. 42 kg
b. 43 kg
c. 45kg
d. 50 kg
70. A truck driver drives his truck to a distance of 120 km in 2 hours 30 minutes. What is his speed?
a. 48 km/h
b. 49 km/h
c. 50 km/h
d. 52 km/h

71. Which of the following diseases usually spread through air?
- | | |
|-----------------|------------|
| a. Plague | b. Typhoid |
| c. Tuberculosis | d. Cholera |
72. The area of a rectangular field is 836 sq m. One side of the rectangle is 22 m. What is the perimeter of the field?
- | | |
|----------|----------|
| a. 120 m | b. 130 m |
| c. 140 m | d. 160 m |
73. Find the area of a sphere of diameter 20 cm (Use $\pi = 3.14$)
- | | |
|---------------|---------------|
| a. 1250 sq cm | b. 1256 sq cm |
| c. 1300 sq cm | d. 1356 sq cm |
74. What is the volume of a sphere of diameter 20 cm (Use $\pi = 3.14$)
- | | |
|--------------------|--------------------|
| a. 4186.6 cubic cm | b. 4286.6 cubic cm |
| c. 4386.6 cubic cm | d. 4486.6 cubic cm |
75. The speeds of two trains are in the ratio 4:5. If the speed of the first train is 48 km/h, what is the speed of other train?
- | | |
|------------|------------|
| a. 50 km/h | b. 60 km/h |
| c. 70 km/h | d. 80 km/h |
76. Harry sold a cow for Rs 136 at a loss of 15%. At what price should he have sold it to gain 15%?
- | | |
|------------|------------|
| a. Rs. 184 | b. Rs. 190 |
| c. Rs. 195 | d. Rs. 200 |
77. 15 men do a work in 20 days. In how many days will 20 men do the full work?
- | | |
|------------|------------|
| a. 30 days | b. 15 days |
| c. 40 days | d. 20 days |
78. The average of the following five numbers is 8. Find the missing number in 7, 5, ?, 3, 12.
- | | |
|-------|-------|
| a. 14 | b. 8 |
| c. 13 | d. 12 |
79. If the population of a town at present is 10648. If the rate of increase in population is estimated to be 10% per year, what was the population 3 years before?
- | | |
|-----------|---------|
| a. 10,000 | b. 9000 |
| c. 11000 | d. 8000 |
81. Amar and Bablu together can do a work in 8 days. If Amar alone can do it in 12 days, then in how many days can Bablu do it?
- | | |
|-------|-------|
| a. 12 | b. 20 |
| c. 24 | d. 28 |
82. The price of one dozen pens is Rs. 540. What will be price of 319 such pens?
- | | |
|--------------|--------------|
| a. Rs. 1000 | b. Rs. 1500 |
| c. Rs. 14355 | d. Rs. 15355 |

83. A rectangular ground as length of 35m & breadth 16m., If the rate of fencing is Rs. 7 per meter, what is the cost of the fencing?
- Rs. 3920
 - Rs. 602
 - Rs. 714
 - Rs. 357
84. Raju is standing facing North. He goes 30m, ahead and turns left and goes for 15 m. Now he turns right and goes for 50 m and finally turns to his right and walks. In which direction is he heading?
- North
 - East
 - South
 - West
85. Allen invests 4% of his income on entertainment. If his income is Rs. 2500, how much does he invest on entertainment?
- Rs. 100
 - Rs. 150
 - Rs. 200
 - Rs. 250
85. A train, 110 m long is running at a speed of 60 Km/hour. How many seconds does it take to cross another train 170 m long, standing on parallel track?
- 15.6
 - 16.8
 - 17.2
 - 182
87. The number of chambers in a human heart is
- 4
 - 2
 - 3
 - 5
88. Akbar bought a computer for Rs 20000. For how much should he sell it so as to gain 20%.
- Rs. 22000
 - Rs. 24000
 - Rs. 28000
 - Rs. 30000
89. If the average of 5 numbers is 5.4, what is the total sum of these numbers?
- 25
 - 29
 - 27
 - 30
90. 12kg of rice costing Rs. 30 per kg is mixed with 8 kg of rice costing Rs. 40 per kg. The average price per kg of mixed rice is
- Rs. 38
 - Rs. 37
 - Rs. 35
 - Rs. 34
91. The difference between 5 times a certain number & two times the same number is 36. What is the number?
- 21
 - 21
 - 15
 - 10
92. In an examination the candidates from Roll no. 2026 to Roll no. 2050 are to sit in a room. How many chairs will be required for them?
- 23
 - 24
 - 25
 - 26

93. If a person is standing sixth in the queue from both ends, how many persons in all are standing in the queue?
a. 9
b. 11
c. 12
d. 13
94. The perimeter of a square plot of land is 64m. What is the area of the plot?
a. 256 sqm
b. 300 sqm
c. 416 sqm
d. 800 sqm
95. What is the value of 46^2 ?
a. 2116
b. 1116
c. 23
d. 92
96. A school playground is in the form of a square, 90 metre on each side. What is the area of the field in sqm?
a. 810sqm
b. 8100sqm
c. 180sqm
d. 1800sqm
97. Roshan bought a second hand car for Rs. 1,25,000 & spent 15000 for its repairs. If he sold that car for Rs. 1,61,000, What is the profit percent?
a. 10%
b. 15%
c. 20%
d. 25%
98. By selling a saree for Rs 864 a shop keeper earns a profit of 8%. Find the cost price.
a. Rs. 800
b. Rs. 700
c. Rs. 780
d. Rs. 750
99. Anwar had to sell his television set at a loss of 12%. If the selling price was Rs. 7040, what was its cost price?
a. Rs. 8000
b. Rs. 7500
c. Rs. 7250
d. Rs. 79000
100. On the moon, the weight of a man will
a. Increase
b. Decrease
c. Remain the same
d. May increase or decrease

ROUGH WORK

91. The perimeter of a square is 160 units. What is the length of one side?
a. 40 units
b. 80 units
c. 160 units
d. 320 units

92. A square has a side length of 10 units. What is its area?
a. 10 square units
b. 20 square units
c. 100 square units
d. 400 square units

93. A square has a side length of 15 units. What is its perimeter?
a. 30 units
b. 45 units
c. 60 units
d. 75 units

94. A square has a side length of 20 units. What is its area?
a. 20 square units
b. 40 square units
c. 100 square units
d. 400 square units

95. A square has a side length of 25 units. What is its perimeter?
a. 50 units
b. 75 units
c. 100 units
d. 125 units

96. A square has a side length of 30 units. What is its area?
a. 30 square units
b. 60 square units
c. 900 square units
d. 3600 square units

97. A square has a side length of 35 units. What is its perimeter?
a. 70 units
b. 105 units
c. 140 units
d. 175 units

98. A square has a side length of 40 units. What is its area?
a. 40 square units
b. 80 square units
c. 1600 square units
d. 6400 square units

99. A square has a side length of 45 units. What is its perimeter?
a. 90 units
b. 135 units
c. 180 units
d. 225 units

100. A square has a side length of 50 units. What is its area?
a. 50 square units
b. 100 square units
c. 2500 square units
d. 10000 square units