

GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	If the ratio of x and y is $11/3$, what is the value of $2x$ to y ?	A. $11/6$ B. $22/6$ C. $22/3$ D. $11/5$
<p>Direction: In the following type of question, each consists of two quantities, one in column A and one in column B. You must compare two quantities and on the answer sheet fill in.</p> <p>A. If the quantity in column A is greater. B. If the quantity in column B is greater. C. If the two quantities are equal. D. If the relationship cannot be determined from the information given.</p>		
2	Notes: Sometimes, in certain questions, information concerning one or both the quantities to be compared is centered above the two columns. A symbol that in both columns represents the same thing in column A as it does in column B.	A. A B. B C. C D. D
<p>Column A $3/2\sqrt{6}$ Column B $\sqrt{6}/4$</p>		
3	A man bought 20 used laptops at \$200 each, 9 at \$300 each, and 6 at \$100 each. Find the average price per laptops	A. \$250.55 B. \$208.57 C. \$400.50 D. \$380
4	Question Image	A. 2 B. 4 C. $2\sqrt{2}$ D. $4\sqrt{2}$
5	If $a + b > 7$ and $a - b > 5$, then which of the following gives all possible values of a and only possible value of b ?	A. $a > 6$ B. $a < 5$ C. $a > 4$ D. $a < 7$
6	The average height of a class of 14 boys is 5.3 feet. A new boy is admitted to the class. The new average of height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
7	People should be held accountable for their own behavior, and if holding people accountable for their own behavior entails capital punishment, then so be it. However, no person should be held accountable for behavior over which he or she had no control. Q: Which of the following is the most logical conclusion of the argument above?	A. People should not be held accountable for the behavior of other people B. People have control over their own behavior C. People cannot control the behavior of other people D. Behavior that cannot be controlled should not be punished
8	If the radius of the circle is decreased by 20%, what happens the area ?	A. 10% increase B. 20% decrease C. 80% increase D. 36% decrease
9	A chemical solution contains 8% of acid. If there is 15 ml of acid, what is the volume of the solution ?	A. 125.5 ml B. 187.5 ml C. 225.5 ml D. 171.5 ml
10	The Positive difference between k and $1/8$ is same as the positive difference between $1/2$ and $1/3$. Which of the following could be the value of K ?	A. $1/7$ B. $7/24$ C. $23/24$ D. $1/6$
11	The least prime number is:	A. 0 B. 1 C. 2

12 The average of five numbers is 54. If three of the numbers are 26, 28 and 30, what is the average of the other two ?
A. 91
B. 93
C. 54
D. 186

13 Multan traffic authority requires that an applicant for a driver's license answer at least 80 percent of the questions on a written test correctly. If the test has 60 questions on it, at least how many of these questions must be answered correctly.
A. 20
B. 44
C. 46
D. 48

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C. If the two quantities are equal.
D. If the relationship cannot be determined from the information given.

14 Notes: Sometimes, in certain questions, information concerning one or both the quantities to be compared is centered above the two columns. A symbol that in both columns represents the same thing in column A as it does in column B.
A. A
B. B
C. C
D. D

Column A

The average (arithmetic mean) of x, y, z and 39

Column B

40

15 Health club membership has increased dramatically over the last five years. In order to take advantage of this increase, Fitness Express plans to open more of the same types of classes available during the week, while continuing its already very extensive advertising in newspapers and on the radio.
Q: Which of the following, if true, provides most support for the view that Fitness Express cannot increase membership on its gyms by adopting the plan outlined above?
A. Although it fills all of the classes it opens, Fitness Express's share of all health club memberships has declined over the last five years
B. Fitness Express' number of classes offered to their clients has declined slightly over the last year
C. Advertising has made the name of Fitness Express widely known, but few customers know that Fitness Express health clubs also offer acupuncture and shiatsu treatments
D. Despite a slight decline in membership price, sales of Fitness Express memberships have fallen in the last five years

16 In solving an arithmetic example, Lubna, by mistake multiplied by 6 instead of dividing by 6. If her answer was $13 \frac{1}{5}$, what should be the correct answer to the example?
A. 2 8/11
B. 5/66
C. 2 1/5
D. 11/30

17 Classical music occupies a unique and peculiar position in every culture. They are imperishable as cultural landmarks, but the emotions expressed in some of the folks are often superseded by newer tunes. However, the classics survive just as heritage, as imposing features of the society, yet unsuited for habitation unless remodeled.
Q: The principal point put forth in the above passage is that classical works.
A. ignored by young generation
B. is an obstacle in the development of new tunes
C. Should be stored in museums
D. Need our respect and admiration even if their tunes and ideas they express are no longer current

18 a has to be a whole number such that $0 \leq a \leq 10$. The solution for $a < 4$ and $a \geq 6$ is:
A. 5
B. 7
C. 3
D. no solution

19 A famous painter has recently won a lawsuit against a major food manufacturer for commissioning a graphic designer to design the packaging of its chocolate chip cookies in the painter's distinctive style. As a result of the lawsuit, manufacturers will stop asking graphic artists to copy distinctive painting styles. Therefore, the cost of package design will rise because employing the services of known artists cost more than those of graphic designer that imitate their style.
Q: The conclusion above is based on which of the following assumptions?
A. Most people are unable to distinguish a famous artist's illustration from that of a good graphic artist imitating the painter's style
B. Manufacturers will use well-known painting styles in their packaging
C. The original version of some well-known paintings are unavailable for use in packaging
D. Manufacturers will continue to use graphic artists to imitate the artistic style of famous painters

20 Saima bought two black pencils and three red pencils for Rs. 23. After a week, she bought three black pencils and two red pencils for Rs. 16. If price of pencils remained the same for both transactions, how much she paid for one black pencil?
A. 2
B. 3
C. 4
D. 5

