

GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	IF you have 50 green, 50 orange, and 50 yellow jelly beans, how many bags can you fill Halloween each containing 2 green, 3 orange, and 4 yellow jelly beans?	A. 12 B. 13 C. 16 D. 17
2	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29
3	If p is a positive number, 400% of p is what percent of 400 p ?	A. 4 B. 25 C. 40 D. 1
4	A recipe requires 13 gram of sugar and 18 gram of flour. If only 100 gram of sugar is used, how much flour, to the nearest gram, should be used ?	A. 16 B. 13 C. 14 D. 17
5	If $x = 235$ and $y = 117$, then $x^2 - y^2/x - y = ?$	A. 118 B. 100 C. 115 D. 352
<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>		
6	<p>Notes: Sometimes, in certain question, 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.</p> <p>Column A The average (arithmetic mean) of x, y, z and 39</p> <p>Column B 40</p>	A. A B. B C. C D. D
7	<p>Acme brand aspirin claims to be the best headache relief available on the market today. To prove this claim, Acme called 10 people and asked them their thoughts on headache relief products. All 10 of them stated that they . unequivocally use Acme brand aspirin on a regular basis and that they believe it to be the best headache relief available on the market today.</p> <p>Q: Which of the following would most weaken this argument?</p>	A. Acme brand aspirin is highly addictive B. The 10 people called were spouses of Acme employees C. Most people choose to suffer silently through their headaches and take no medicines whatsoever D. The 10 people called own stock in a competing company
8	If the ratio of boys and girls in a class is 3 : 5 and the class contains 24 students, how many additional boys would have to enroll to make the ratio of boys to girls 1 : 1 ?	A. 9 B. 15 C. 6 D. 12
<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>		
9	<p>Notes: Sometimes, in certain question, information concerning one or both the quantities to be compared is centered above the two columns. A symbol that in both</p>	A. A B. B C. C D. D

columns represents the same thing in column A as it does in column B.

Column A

The number of primes between 40 and 50.

Column B

The number of primes between 60 and 70

10	When two dice are thrown simultaneously, what is the probability that the sum of the two numbers that turn up is less than 11?	A. 5/6 B. 11/12 C. 1/6 D. 1/12
11	12 is 1/3 % of what number ?	A. 4 B. 400 C. 36 D. 3600
12	Researchers have found an inactive virus in dry bread. In previous experiments, researchers found that inactivated viruses could convert healthy cells into cancer cells. It can be concluded that the use of dry bread can cause cancer. Q:Which one of the following, if true, most seriously weakens the argument?	A. The results of many studies about the same topic were consistent B. Many other ingredients of dry bread can neutralize the effect of inactive virus C. Many of cancer patients confirmed the use of dry bread D. Ten percent of rural population use dry bread
13	Question Image	A. 70^0 B. 60^0 C. 75^0 D. 65^0
14	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles?	A. 19.2 B. 12.8 C. 8.5 D. 38
15	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. 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. Notes:Sometimes,in certain question,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. Column A $\sqrt{18/7} + \sqrt{18}$ Column B 7	A. A B. B C. C D. D
16	If $1/x - y = 7$, then $x =$	A. $x + 1/7$ B. $x - 1/7$ C. $1/7 - x$ D. $x/7 - 1$
17	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. 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. Notes:Sometimes,in certain question,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. Column A P Column B 0 (pq = 0)	A. A B. B C. C D. D

18	Question Image	A. 6 B. 49 C. 8 D. Not possible
19	If $a + b = 8$, $b + c = 9$, and $c + a = 11$, what is the average of a , b and c ?	A. $14/3$ B. $28/3$ C. $14/6$ D. $7/3$
20	Although the new cochleae manufactured by Medotech will cost more than twice as much as the cochlear implants now in use, Medotech implants should still be cost-effective. Not only will surgery and recovery time be reduced, but Medotech cochlear replacements should last longer, thereby reducing the need for further hospital stays. Q:Which of the following must be studied in order to evaluate the argument presented above?	A. The amount of time a patient spends in surgery versus the amount of time spent recovering from surgery. B. The amount by which the cost of producing Medotech cochlear replacements has declined with the introduction of the new technique for producing them C. The degree to which the use of Medotech cochlear replacements is likely to reduce the need for repeat surgery when compared with the use of the replacements now in use. D. The degree to which the use of Medotech replacements are more carefully manufactured than are the replacements now in use
