

## GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	Question Image	A. 35 B. 25 C. 10 D. 29
2	A greater number of computers are sold in Sahiwal than in Burewala. Therefore, the people of Sahiwal are better informed about world events than are the people of Burewala. Q: Each of the following, if true, weakens the conclusion above EXCEPT:	A. Sahiwal has a larger population than Burewala B. Most people of Burewala work in Sahiwal C. Bandwidth usage of Burewala is more than that in Sahiwal D. The internet bandwidth is 128 kbps in both towns
3	What is the average of $x$ , $y$ and $z$ ? If $x + y = 5$ , $y + z = 8$ and $x + z = 11$ .	A. $11/3$ B. $1/2$ C. $13/5$ D. 4
4	What is the average of first hundred natural numbers ?	A. 50 B. 50.5 C. 49.5 D. 100
5	Traveling by cars is safer than traveling by planes. Eighty percent of plane accidents result in death of all passengers, while only one percent of car accidents result in death. Q: Which of the following, if true, would most seriously weaken the argument above?	A. Planes are inspected by experienced engineers before flying B. The number of car accidents is several thousand times higher than the number of plane accidents C. Pilots are more trained than car drivers are D. Speed of car is lesser than that of planes
6	Stock analyst: "We believe Company A's stock will appreciate at 35% a year for the next 5 to 7 years. Company A just became the leader in its industry and we expect its sales to grow at 8% a year." Commentator: "But how can the stock's price be expected to grow more quickly than the company's underlying sales?" Q: Which of the following, if true, would best support the stock analyst's prediction?	A. The company's expenses will be declining over the next 5 to 10 years B. The company just won a patent on a new product C. The 5 to 7 year time frame is too long for anyone to accurately forecast D. Company A's industry peer group is expected to experience stock appreciation rates of 30% over the same time horizon
7	If the ratio of $a : b$ is $9 : 7$ then $a + b$ is:	A. 14 B. 16 C. 63 D. not possible
8	Question Image	A. 54 B. 72 C. $4 + \sqrt{3}$ D. $12(4 + \sqrt{3})$
9	How many tens are equal to the number whose hundreds, tens, and units digits are $a$ , $b$ , and $c$ respectively?	A. $b$ B. $a + \frac{1}{10}b + \frac{1}{100}c$ C. $10a + b + c$ D. $10a + b + c/10$
10	A class of 30 girls and 40 boys sponsored a mango party. If 60 percent of the girls and 25 percent of the boys went on the party, what percent of the class went on the party?	A. 30% B. 35% C. 50% D. 40%
11	Wheat has more nutritional value than rye. But since oats have more nutritional value than rice, it follows that wheat has more nutritional value than rice. Q: Any of the following, if introduced into the argument as an additional premise, makes the argument above logically correct EXCEPT:	A. Wheat and oats have the same nutritional value B. Rye has more nutritional value than oats C. Rye has more nutritional value than rice D. Oats have more nutritional value than wheat

12	The least prime number is:	A. 0 B. 1 C. 2 D. 3
<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>		
13	<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><b>Column A</b>            The average (arithmetic mean) of <math>a</math> and <math>b</math></p> <p><b>Column B</b>            The average (arithmetic mean) of <math>a, b</math> and <math>2b</math></p> <p><math>b &gt; 0</math></p>	A. A B. B C. C D. D
14	If length of a rectangular field is twice that of its width. What is the perimeter of the field if its area is $1152 \text{ m}^2$ ?	A. 256 m B. 144 m C. 24 m D. 96 m
15	In his wardrobe, Tahir has 3 trousers. One of them is black, the second blue, and the third brown. In his wardrobe, he also has 4 shirts. One of them is black and other 3 are white. He open his wardrobe in the dark and picks out one shirt - trouser pair, without examining the color. What is the likelihood that neither the shirt the trouser is black?	A. $\frac{1}{12}$ B. $\frac{1}{6}$ C. $\frac{1}{4}$ D. $\frac{1}{3}$ E. $\frac{1}{2}$
16	The product of $\sqrt{24a}$ and $\sqrt{6a}$ is:	A. $12a$ B. $6a^{\frac{1}{2}}$ C. $12a^{\frac{1}{2}}$ D. $3a\sqrt{8}$
17	If $(36)(?)(7) - 21$ then ? equals	A. $\frac{21}{43}$ B. $\frac{1}{42}$ C. $\frac{1}{12}$ D. $\frac{1}{11}$
18	If $a$ is 20% of $b$ , and $b$ is 75% of $c$ , then $a$ is what percent of $c$ ?	A. 15 B. 55 C. 95 D. 40
19	<p>Many people claim that advertisements of alcoholic drinks influence young people to start drinking socially. In Iceland, however, where there has been a ban on the advertisement of alcoholic beverages since 1982, drinking is at least as prevalent among young people as it is in countries that do not have a similar ban.</p> <p>Q: Which of the following statements draws the most reliable conclusion from the information above?</p>	A. Advertising does not play a role in causing young people to start or continue drinking B. Advertisements of alcoholic drinks cannot be the only factor that affects the prevalence of drinking among young people C. Banning advertisements of alcoholic drinks does not reduce the consumption of alcoholic drinks D. More youths drink if they are not exposed to advertisements of alcoholic drinks than if they are
20	In a screening process of 5600 candidates, 20% of the candidates were disqualified in the first test. In the second test 40% of the first test qualifiers were disqualified. How many candidates qualified the test?	A. 2688 B. 1344 C. 3600 D. 5000