

GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	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
2	What fraction is exactly midway between $\frac{1}{3}$ and $\frac{1}{4}$?	A. $\frac{7}{12}$ B. $\frac{7}{24}$ C. $\frac{29}{11}$ D. $\frac{1}{2}$
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> <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 $27 \div 9 \times 3$ Column B 7</p>	A. A B. B C. C D. D
4	<p>The cost of manufacturing sports shoes in Macao is 25% less than the cost of manufacturing them in the Philippines. Even after transportation fees and tariff charges are added, it is still cheaper for a company to import sport shoes from Macao to the Philippines than to manufacture sports shoes in the Philippines.</p> <p>Q: The statements above, if true, best support which of the following assertions?</p>	<p>A. Labor costs in Macao are 25% below those in the Philippines B. Importing sports shoes from Macao to the Philippines will eliminate 25% of the manufacturing jobs in the Philippines C. The tariff on sports shoes imported from Macao to the Philippines is less than 25% of the cost of manufacturing sports shoes in the Philippines D. The fee for transporting a pair of sports shoes from Macao to the Philippines is more than 25% of cost of manufacturing the shoes in Macao</p>
5	Fatima and Maryium each roll a sheet of 9×18 paper to form a cylinder. Fatima tapes the two 9-inch edge together and Maryium tapes the two 18-inch edge together. Refer to this question and tell which of the following statement is true ?	<p>A. The volume of Fatima cylinder is greater than Maryium cylinder B. The volume of Fatima cylinder is less than Maryium cylinder C. The volume of Fatima cylinder is equal to the Maryium cylinder D. Both cylinders have the same circumference</p>
6	<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> <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 9^2</p>	A. A B. B C. C D. D

Column B 3^4

$(8^{2a} = 4^{3b})$

7	If $1/x - y = 7$, then $x =$	A. $\frac{1}{x} + \frac{1}{7}$ B. $\frac{1}{x} - \frac{1}{7}$ C. $\frac{1}{7} - \frac{1}{x}$ D. $\frac{1}{x} - \frac{1}{7}$
8	Two spinning machines A and B can together produce 300,000 meters of cloth in 10 hours. If machine B alone can produce the same amount of cloth in 15 hours, how much cloth can machine A produce alone in 10 hours?	A. 200,000 meters B. 100,000 meters C. 150,000 meters D. 50,000 meters E. 250,000 meters
9	The length of a rectangle is 3 more than the side of a square, and the width of the rectangle is 3 less than the side of the square. If the area of the square is 58, what is the area of the rectangle ?	A. 40 B. 20 C. 39 D. 49
10	If a jet travels 1280 km in 2 hours, how far will it travel in $5\frac{1}{2}$ hours, at the same speed ?	A. 2100 B. 3300 C. 2700 D. 3520
11	If the ratio of x and y is $\frac{11}{3}$, what is the value of $2x$ to y ?	A. $\frac{11}{6}$ B. $\frac{22}{6}$ C. $\frac{22}{3}$ D. $\frac{11}{5}$
12	Saira weights 25 pounds more than Umbar. If together they weigh 205 pounds, what is the weight of Saira ?	A. 90 B. 105 C. 115 D. 135
13	If, in the class of 33, 3 are honor students, what part of the class are not honor students?	A. $\frac{89}{100}$ B. $\frac{9}{10}$ C. $\frac{10}{11}$ D. $\frac{9}{10}$
14	Question Image	A. $p = 180 + q$ B. $q = 30 + p$ C. $p = 90 + q$ D. $p = 60 - q$
15	If $(36)(?) (7) - 21$ then? equals	A. $\frac{21}{43}$ B. $\frac{1}{42}$ C. $\frac{1}{12}$ D. $\frac{1}{11}$
16	<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> <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 $(3^0)(9^1)$ Column B 27</p>	A. A B. B C. C D. D
17	What is the perimeter of parallelogram ABCD ?	A. $14 + \sqrt{17}$ B. $16 + \sqrt{7}$ C. $2 + \sqrt{17}$ D. $2(7 + \sqrt{17})$
18	If p is a positive number, 400% of p is what percent of $400p$?	A. 4 B. 25 C. 40 D. 1
Our educational boards should not spend their money on the new Pakistan studies reading		A. The Pakistan studies program would not help the students learn history B. Pakistan studies are no longer beneficial for Pakistani students. as

19	<p>program. After all, our students get all the information they need by studying history.</p> <p>Q:The argument above depends on which the following assumptions?</p>	<p>they already know everything described in it</p> <p>C. The Pakistan studies program is contained in only history course</p> <p>D. Teaching history to the students is more important than teaching them Pakistan studies</p>
20	<p>Question Image</p>	<p>A. <i>x</i> only</p> <p>B. <i>y</i> only</p> <p>C. <i>x</i> and <i>y</i> only</p> <p>D. <i>y</i> and <i>z</i> only</p>