


GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	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
2	The surface area of a cube is 180, its volume is:	A. 125 B. 30 C. 164 D. $30\sqrt{30}$
3	The average of even integers from 2 to 100 inclusive is:	A. 49 B. 52 C. 51 D. 50
4	A rectangular field which is twice as long as it is broad, has an area of 14450 m^2 , what is its perimeter ?	A. 85 m B. 510 m C. 165 m D. 170 m
5	What is the probability of getting all six in a single throw of three unbiased dice?	A. 1/6 B. 125/216 C. 1/36 D. 1/216
6	How many integers between 28 and 98 are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
7	The slope of the line passing through $(-b, b)$ and $(3b, a)$ is 1 and $b \neq 0$, which of the following is an expression for a in terms of b ?	A. $1/4b$ B. $3b$ C. $5b$ D. $2b$ E. $4b$
8	Three business partners shares have profit of Rs. 24000 in the ratio 5 : 4 : 3. What is the amount of the least share ?	A. 6000 B. 8000 C. 10,000 D. 1200
9	If P is a negative integer and $p^2 + 11p = t$, a value of t could be	A. 12 B. 18 C. -18 D. 11
10	Question Image 	A. 24 B. 30 C. 35 D. 36
11	During warm weather, my dog suffers from fleas inure than during cooler weather. Therefore, fleas must thrive in a warm environment. Q:Which of the following exhibits a pattern of reasoning most similar to the one exhibited in the argument above?	A. Moose and bear usually appear at the same drinking hole at the same time of day. Therefore, moose and bear must grow thirsty at about the same time B. Children who are scolded severely tend to misbehave more often than other children do. Hence, if a child is not scolded severely that child is less likely to misbehave C. Pesticides are known to cause anemia in some people. However, most anemic people live in regions where pesticides are not commonly used D. Beautiful beaches attract people, no doubt about it. Just look at this city's beautiful beaches, which are among the most over crowded beaches in the state
12	If $p^2 - q^2 = 48$ and $p - q = 12$, what is the average of p and q ?	A. 4 B. 6 C. 2 D. 12

13	If $x > y$, then $(x - y)(x + y)$ is :	<p>A. equal to $(x - y)(x + y)$</p> <p>B. less than $(x - y)(x + y)$</p> <p>C. greater than $(x - y)(x + y)$</p> <p>D. options A and C</p>
<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>		
14	<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 Q1. The product of the odd integers between -8 and 8.</p> <p>Column B Q1. The product of the even integers between -9 and 9.</p>	<p>A. A B. B C. C D. D</p>
15	If the height of a cylinder is double to its circumference, what is the volume of the cylinder in terms of its circumference, C ?	<p>A. C/π B. C^3/π C. $C^3/4\pi C^2$ D. $C^3/2\pi$</p>
16	If $x\%$ of y is 20, then $y =$	<p>A. $2000x$ B. $100/x$ C. $2000/x$ D. $x/200$</p>
<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>		
17	<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 $(2/7)^2$</p> <p>Column B $\sqrt{2/7}$</p>	<p>A. A B. B C. C D. D</p>
18	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.	<p>A. 20 B. 44 C. 46 D. 48</p>
19	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?	<p>A. 200,000 meters B. 100,000 meters C. 150,000 meters D. 50,000 meters E. 250,000 meters</p>
20	A machine produces 1280 parts in 16 hours. How many parts would it make in a working week of 44 hours ?	<p>A. 2530 B. 3520 C. 2122 D. 3960</p>