

GAT-C Agriculture, Veterinary, Biological & Related Science Quantitative

Sr	Questions	Answers Choice
1	In a city 90% of the population own a car, 15% own a motorcycle, and everybody owns one or the other or both. What is the percentage of motorcycle owners to who own cars?	A. 15% B. 5% C. 75% D. 33 1/3%
2	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
3	Question Image	A. = B. < C. > D. ÷
4	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 tomis behave 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
5	If r, s and t are integers greater than 1, where rs = 15 and st = 33, which of the following must be true?	A. t > r > s B. s > t > r C. r > t > s D. s > r > t
6	If C is the circumference of a circular disk in centimeters, and A is the area of the same circular disk in square centimeter. Then $C/A = A/C$, iff $r =$	A. 1 B. 2 C. 3 D. 4
7	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
8	The length of a rectangle is twice its width. If the perimeter of a rectangle is the same as the perimeter of a square of size 9, what is the length of a diagonal of the rectangle?	A. 180 B. 3√5 C. 36 D. 6√5
9	If 3y = 7, the value of 6y - 3 is:	A. 39 B. 13 C. 11 D. 10
10	The total number of even prime numbers is:	A. 0 B. 1 C. 2 D. None of these
11	Question Image	
12	If the sum of two numbers is 36, and the larger is three times as larger as the smaller, what is the larger number ?	A. 27 B. 30 C. 15 D. 18
		A. 160

13	A number whose fifth part increased by 5 is equal to its fourth part diminished by 5, is:	B. 180 C. 200 D. 220
14	Question Image	A. 4 D. 10
15	When 4 dice are thrown, what is the probability that the same number appears on each of them?	A. 1/36 B. 1/18 C. 1/216 D. 1/5
16	In inequality $y > 3x - 2$ if $a > b$, then which of the following statement is true ?	A. <i>x</i> = 1 B. <i>x</i> > 1 C. <i>x</i> < 1 D. <i>x</i> ≥ 1
17	The average of the first 35 positive integers is:	A. 13 B. 17 C. 18 D. 19
18	Bus Company President: A city councilman has stated his objection to the claim that the city buses are dangerous. This is clearly untrue. None of the new buses in use has ever crashed or even had a serious malfunction. City councilman: The problem with the new buses is not that they malfunction, but that they are no flamboyantly painted that other drivers on the road are distracted and this may cause accidents. Q:The councilman responds to the bus company president by doing which of the following?	A. Characterizing the bus company president's assertion as stemming from subjective interest rather than from objective evaluation of the facts B. Drawing attention to the fact that the bus company president's interpretation of the word "dangerous" is too narrow C. Invoking evidence that the bus company president has explicitly dismissed as irrelevant the point at issue D. Citing statistical evidence that refutes the bus company president's claim
19	The least prime number is:	A. 0 B. 1 C. 2 D. 3
20	What is the area of a circle whose radius is the diagonal of square whose area is 9?	A. √3 π B. 12π C. 4π D. 13π