


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

Sr	Questions	Answers Choice
1	<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 $3\sqrt{5} - \sqrt{125} + \sqrt{20}$</p> <p>Column B 0</p>	<p>A. A B. B C. C D. D</p>
2	<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 b</p> <p>Column B 0</p> <p>The average (arithmetic mean) of a, b 22 and 38 is 15, and $a > 0$</p>	<p>A. A B. B C. C D. D</p>
3	<p>Question Image <input style="width: 100%; height: 20px;" type="text"/></p>	<p>A. 20 B. 70 C. 100 D. 110</p>
4	<p>Gas heater in bedrooms has long been the main cause of home fires. Despite a significant decline in gas heaters in the last two decades, there has been no comparable decline in the number of people killed in home fires.</p> <p>Q: Each one of the following statements, it true over the last two decades, helps to resolve the apparent discrepancy above EXCEPT:</p>	<p>A. Compared to other types of some fires, home fires caused by gas heaters in bedrooms usually cause relatively little damage before they are extinguished B. Population densities have increased, with the result that one home fire can cause more deaths than in previous decades C. Gas heater users often sleep in the morning D. Home fires caused by gas heaters in bedroom often break out after the residents have fallen asleep</p>
5	<p>$\frac{4}{9}$ of a number is 12. What is the number ?</p>	<p>A. 27 B. 36 C. 18 D. 16</p>
6	<p>A total of 60 drawing note books were sold. If 20 percent of the first 20 sold were in color, 40 percent of the next 30 sold were in color, and 80 percent of the last 10 sold were in</p>	<p>A. 30% B. 40% C. 60%</p>

	color, what percent of the 60 note books were in color?	C. 30% D. 20%
7	A bag has 7 marbles, one of each of colours, green, blue, brown, yellow, red, white and pink. If 6 marbles are removed from the bag, what is the probability that the red one was removed ?	A. 1/7 B. 4/3 C. 2/7 D. 6/7
8	<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 $3x - 19/3$</p> <p>Column B $x - 19$</p>	A. A B. B C. C D. D
9	The value of $x^2 + 5x + 6$ at $x = 2$ is?	A. 2 B. 20 C. 40 D. 10
10	$3/4$ of 28 is equal to $30/7$ of what number ?	A. 90 B. 45 C. 30 D. 56
11	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
12	<p>A legislator proposes that communities should therefore be required to adopt filtering systems and to reach the target of filtering 50 percent of all tap water within 5 years.</p> <p>Q: Which of the following, if true, most seriously calls into question the advisability of implementing the proposal?</p>	<p>A. Existing filtering systems programs have been private and voluntary, with citizen participation ranging from 25 percent in some communities to 70 percent in others</p> <p>B. Existing filtering programs have been restricted to the tap water that is ingested by humans</p> <p>C. Existing filtering programs have had recurrent difficulties selling their filtering systems privately usually because the quantities filtered are too small to be affordable for most families</p> <p>D. Some of the materials filtered out of the water are materials that can be used for other purposes</p> <p>E. </p>
13	$3x^2 - 27/x - 3$ and $(x > 0)$, is:	A. less than $2x + 9$ B. equal to $2x + 9$ C. greater than $2x + 9$ D. cannot find
14	If Dabeer is $1/3$ rd the age of his father Agha Jameel now, and was $1/4$ th the age of his father 5 years ago, how old will his father be 5 years from now?	A. 20 B. 45 C. 40 D. 50 E. 15
15	If circumference of a circle is 3π , then its area is:	A. $7\pi/2$ B. $9\pi^2$ C. $4\pi^2$ D. $9\pi/4$
16	The greatest number which divides 2400 and 3600 leaving 48 and 60 respectively, as remainder is:	A. 9 B. 7 C. 17 D. 10
17	A German class has 12 boys and 18 girls. What is the fraction of the class boys ?	A. 1/6 B. 3/5 C. 2/3 D. 4/15

- 18 If P represents the area and W represents the circumference of the circle, then P in terms of W is:
- B. $4\pi^2/W$
C. $2\pi^2/W^2$
D. $W^2/4\pi$
-
- 19 The cost of the planting sugarcane at the rate of 6 paisa per square meter is Rs. 5840.64. What is the length of side of this square field:
- A. 312 m
B. 622 m
C. 97344 m
D. 459 m
-
- 20  Question Image
- A. 16 sq.cm
B. 15 sq.cm
C. 60 sq.cm
D. None of these