

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

Sr	Questions	Answers Choice
1	If A > B an C < 0, then which of the following is not true ?	A. AC &It BC B. A + C > B + C C. A - C &It B - C D. All of the above
2	If $1/x + 1/y = 1/z$ and $xy = z$ , what is the average of $x$ and $y$ ?	A. 1/2 B. 1 C. <i>x</i> + <i>y</i> + <i>z</i> /3 D. <i>x</i> + <i>y</i> + <i>z</i> /2
3	If a machine can place a cap on a bottle of soda every 0.8 seconds, how many bottles can be capped in 2 hours?	A. 8000 B. 90000 C. 300 D. 900
4	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
5	If the ratio of $x$ and $y$ is 11/3, what is the value of $2x$ to $y$ ?	A. 11/6 B. 22/6 C. 22/3 D. 11/5
6	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.  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.  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.  Column A  The average (arithmetic mean) of 15,215,415 Column B  The average (arithmetic mean) of 0,15,215,413	A. A. B. B. C. C. D. D.
7	If $x < 0$ , then $-3x^2$ is:	A. less thean (-3 <i>x</i> ) <sup>2</sup> B. greater than (-3 <i>x</i> ) <sup>2</sup> C. equal to (-3 <i>x</i> ) C. greater than or equal to (-3 <i>x</i> ) Sup>2
8	A man bought 20 used laptops at \$200 each, 9 at \$300 each, and 6 at \$100 each. Find the average price per laptops	A. \$250.55 B. \$208.57 C. \$400.50 D. \$380
9	How many polythene bags, each holding 8 ounces, are needed to hold 3 quarter of vegetable oil?	A. 8 B. 12 C. 14 D. 16
10	If the ratio of boys and girls in a class is 3 : 5 and the class contains 24 students, how many additional boys would have to enroll to make the ratio of boys to girls 1 : 1 ?	A. 9 B. 15 C. 6 D. 12
11	Which is the greatest?	A. 4/9 B. 5/11 C. 8/15 D. 9/17

12	A businessperson started a business with a capital of Rs. 80,000. His first year accumulated profit was 10% and second year profit was 20%. What was the total amount after second year?	A. 105600 B. 201200 C. 50,000 D. 100050
13	How many odd numbers of three digits each can be formed from the digits 2, 4, 6, and 7 if repetition of digits is permitted?	A. 6 B. 27 C. 24 D. 16
14	A man present age is x years. If his age in 8 years will be 4/5 of what it will be in 20 years, then his present age is:	A. 45 B. 25 C. 30 D. 40
15	Question Image	A. 50 B. 30 C. 45 D. 40
16	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.  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.  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.  Column A $3\sqrt{5} - \sqrt{125} + \sqrt{20}$ Column B	A. A B. B C. C D. D
17	What is the value of $x^2$ + 14 $x$ + 24, when $x$ =854 ?	A. 1000 B. 100,000 C. 741,296 D. 742,398
18	A circle whose center is at $(3,4)$ passes through the origin. Which of the following points is not on the circle ?	A. (-1, 3) B. (-1, 1) C. (0, 0) D. (7, 7)
19	The average height of a class of 14 boys is 5.3 feet. A new boy is admitted to the class. The new average of height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
20	If $a = -5$ and $b = 3$ then $-a^2 b^3$ is:	A. less than 0 B. equal to 0 C. greater than 0 D. options B and C