

## 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><b>Column A</b>            The remainder when a positive integer is divided by 5.</p> <p><b>Column B</b>            5</p>	<p>A. A  <b>B. B</b>            C. C            D. D</p>
2	<p>If a circle is inscribed in a square of area 4, then the area of the circle is:</p>	<p>A. <math>\pi</math>  <b>B. <math>\pi/2</math></b>            C. <math>\pi/4</math>            D. <math>3\pi/4</math></p>
3	<p>In an vitro study, 160 white cats were injected with saltx. 160 other white cats were injected with placebo. In two weeks, 39% of the white cats, who were injected with SaltX showed symptoms of Kay fever? Hence, it can be concluded that Kay fever is caused by some elements similar to the elements in SaltX. Q: Which of the following statements would most seriously weaken the above discussion?</p>	<p>A. People suffering from Kay fever are the victims of the golden viper of Sindh  <b>B. One among the 160 white cats had already showed symptoms of Kay fever prior to the experiment</b>            C. The natural habitats of white cats does not contain any of the elements found in Salt X            D. The 160 white cats used in the experiment were kept isolated from each other</p>
4	<p>If the angles of a hexagon are in the ratio 2 : 4 : 4 : 4 : 5 : 5, what is the degree measure of the smallest angle ?</p>	<p>A. 30  <b>B. 60</b>            C. 40            D. 70</p>
5	<p>Wheat has more nutritional value than rye. But since oats have more nutritional value than rice, it follows that wheat has more nutritional value than rice.            Q: Any of the following, if introduced into the argument as an additional premise, makes the argument above logically correct EXCEPT:</p>	<p>A. Wheat and oats have the same nutritional value            B. Rye has more nutritional value than oats            C. Rye has more nutritional value than rice  <b>D. Oats have more nutritional value than wheat</b></p>
6	<p>A man was 26 years old when his daughter was born. Now, he is three times as old as his daughter. How many years old is the daughter now ?</p>	<p>A. 13 years  <b>B. 22 years</b>            C. 15 years            D. 12 years</p>
7	<p>Saima bought two black pencils and three red pencils for Rs.23. After a week, she bought three black pencils and two red pencils for Rs. 16. If price of pencils remained the same for both transactions, how much she paid for one black pencil?</p>	<p>A. 2  <b>B. 3</b>            C. 4            D. 5</p>
8	<p>A square lawn having area 0.25 sq km has to be enclosed with iron railings at the rate of Rs. 10100 per metre. What will be its cost ?</p>	<p>A. Rs. 20200            B. Rs. 2000  <b>C. Rs. 202000</b>            D. Rs. 100100</p>
9	<p>Fatima and Maryium each roll a sheet of <math>9 \times 18</math> 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>	<p>A. The volume of Fatima cylinder is greater than Maryium cylinder  <b>B. The volume of Fatima cylinder is less than Maryium cylinder</b>            C. The volume of Fatima cylinder is</p>

equal to the Maryium cylinder  
D. Both cylinders have the same circumference

10	Question Image	A. Zero B. 9 C. 5 D. 14
11	Question Image	A. 25.25 B. 36.5 C. 42.5 D. 35
12	If $P^2 + 5 = 22$ , then $P^2 - 5 =$	A. 12 B. 17 C. 39 D. 144
13	Question Image	A. 89 B. 90.9 C. 89.9 D. 105
14	One sixth of a day is what part of the time between 3 p.m. Monday and 3 p.m Thursday of the same week?	A. 1/10 B. 1/18 C. 1/15 D. 1/12
15	Question Image	A. 400 B. 375 C. 600 D. 800
16	Question Image	A. $x + y = 180$ B. $x - y = 180$ C. $180 \leq x + y \leq 270$ D. Insufficient information
17	The greatest number which divides 2400 and 3600 leaving 48 and 60 respectively, as remainder is:	A. 9 B. 7 C. 17 D. 10
18	Rizwana has never received a violation ticket from the traffic police during her 10-year driving experience. Rizwana must be a great driver. Q:Which of the following can be said about the reasoning above?	A. Rizwana is a slow driver B. Rizwana's brother is in Pakistan naval forces at a high rank, so police do not issue ticket to her C. Rizwana has high tech car D. More information is required to give the argument
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19	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.	A. A B. B C. C D. D
<p><b>Column A</b> The average (arithmetic mean) of a and b</p> <p><b>Column B</b> The average (arithmetic mean) of a,b and 2b</p> <p><math>b &gt; 0</math></p>		
20	What percent of 75 is x ?	A. $\frac{3}{4}x$ B. $\frac{4}{3}x$ C. $4x$ D. $3x$