


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

Sr	Questions	Answers Choice
1	<p>Our educational boards should not spend their money on the new Pakistan studies reading program. After all, our students get all the information they need by studying history. Q: The argument above depends on which the following assumptions?</p>	<p>A. The Pakistan studies program would not help the students learn history            B. Pakistan studies are no longer beneficial for Pakistani students, as they already know everything described in it  <b>C. The Pakistan studies program is contained in only history course</b>            D. Teaching history to the students is more important than teaching them Pakistan studies</p>
2	<p>The average of the polynomials, <math>2x^2 + 5x - 6</math>, <math>5x^2 - 5x - 6</math> and <math>30 - 7x^2</math> is:</p>	<p>A. 14            B. 18  <b>C. 6</b>            D. <math>5 - x</math></p>
3	<p>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 ?</p>	<p>A. 40            B. 20            C. 39  <b>D. 49</b></p>
4	<p>If length of a rectangular field is twice that of its width. What is the perimeter of the field if its area is <math>1152 \text{ m}^2</math> ?</p>	<p>A. 256 m            B. 144 m  <b>C. 24 m</b>            D. 96 m</p>
5	<p>If 8 is 4 percent of k, then k is 4 percent of:</p>	<p><b>A. 5000</b>            B. 4000            C. 800            D. 80</p>
6	<p>A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank?</p>	<p>A. 300            B. 750            C. <math>250 \frac{3}{4}</math>  <b>D. <math>333 \frac{1}{3}</math></b></p>
7	<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>  <math>100/4^{100}</math>  <b>Column B</b>  <math>100/4^{100}</math></p>	<p><b>A. A</b>            B. B            C. C            D. D</p>
8	<p>A dealer bought an ornamental jar for Rs. 7,000 and after some days sold it for Rs. 21,000. By what percent did the value of jar increase ?</p>	<p>A. 300  <b>B. 200</b>            C. 150            D. 20</p>
9	<p>If the sum of one third of a number and twice the same number is 28, the number is:</p>	<p>A. 10  <b>B. 12</b>            C. 28            D. 14</p>
10	<p>Find the value of x if <math>3 : b = x : c</math>.</p>	<p>A. <math>3b/c</math>            B. <math>c/3b</math>            C. <math>2c/3b</math>  <b>D. <math>3c/b</math></b></p>

11	Which of the following is the average of $x^4 - 20$ , $40 - x^4$ , and $3x + 4$ ?	<p>A. <math>x^4 - 24</math>            B. <math>x + 8</math>            C. <math>x^4 + 3x + 24</math>            D. <math>x + 24</math></p>
12	Question Image 	<p>A. <math>22.9\pi</math>            B. <math>22.4\pi</math>            C. <math>60\pi</math>            D. <math>62.3\pi</math></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>		
13	<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>  <math>(\frac{2}{7})^2</math>  <b>Column B</b>  <math>\sqrt{\frac{2}{7}}</math></p>	<p>A. A            B. B            C. C            D. D</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><b>Column A</b>  <math>p + .5</math>  <b>Column B</b>  <math>2p/4 + 1</math></p>	<p>A. A            B. B            C. C            D. D</p>
15	The average of the first 35 positive integers is:	<p>A. 13            B. 17            C. 18            D. 19</p>
16	The solution of the inequality $-1 < 5x - 6 \leq 4$ in whole number is	<p>A. 1            B. 2            C. 4            D. 5</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><b>Column A</b>            The average (arithmetic mean) of <math>2x</math> and <math>2y</math>  <b>Column B</b>  <math>180^\circ</math></p>	<p>A. A            B. B            C. C            D. D</p>
<p>A total of 60 devices were sold. 40 percent of the first 20 sold were in category A.</p>		
		A. 30%

- 18 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 color, what percent of the 60 note books were in color?
- B. 40%  
C. 60%  
D. 20%
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- 19 In solving an arithmetic example, Lubna, by mistake multiplied by 6 instead of dividing by 6. If her answer was  $13 \frac{1}{5}$ , what should be the correct answer to the example?
- A.  $2 \frac{8}{11}$   
B.  $\frac{5}{66}$   
C.  $2 \frac{1}{5}$   
D.  $\frac{11}{30}$
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- 20 How many numbers between 200 and 500 are divisible by 13 ?
- A. 23  
B. 17  
C. 15  
D. 32
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