

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

Sr	Questions	Answers Choice
1	How many tens are equal to the number whose hundreds, tens, and units digits are a, b, and c respectively?	A. b B. $a+1/10 b + 1/100 c$ C. $10a + b + c$ D. $10a+b+c/10$
2	Question Image	A. $2(2 + \sqrt{2})$ B. $4 + \sqrt{2}$ C. $2 + \sqrt{2}$ D. 4
3	Question Image	A. $100^o$ B. $60^o$ C. $30^o$ D. $110^o$
4	Question Image	A. $3 + 4\sqrt{3}$ B. $18(3 + 4\sqrt{3})$ C. 54 D. $84\sqrt{3}$
5	If $x\%$ of y is 20, then y =	A. $2000x$ B. $100/x$ C. $2000/x$ D. $x/200$
6	Of the following, which value of x produces the greatest value of $f(x)$ ?	A. -2 B. -1 C. 1 D. 2 E. 3
7	Multan traffic authority requires that an applicant for a driver's license answer at least 80 percent of the questions on a written test correctly. If the test has 60 questions on it, at least how many of these questions must be answered correctly.	A. 20 B. 44 C. 46 D. 48
8	If the average of 3, 5, 10 and S is 6, what is the value of S ?	A. 4 B. 6 C. 12 D. 0
9	How many three-digit number have only even digits ?	A. 48 B. 58 C. 500 D. 300
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.	
10	Notes: Sometimes, in certain questions, 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
	<b>Column A</b>	
	x	
	<b>Column B</b>	
	$(11/13)^5$	
	$x^5 = 11/13$	
11	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)

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12	<p>The least number which when divided by 12,15 and 18 leaves 5 as remainder in each case is:</p>	<p>A. 180 B. 175 <b>C. 185</b> D. 125</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>\sqrt{16x^{16}}</math>  <b>Column B</b>  <math>\sqrt{(4x^4)^2}</math></p>	<p><b>A. A</b> 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>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>
15	<p>A famous painter has recently won a lawsuit against a major food manufacturer for commissioning a graphic designer to design the packaging of its chocolate chip cookies in the painter's distinctive style. As a result of the lawsuit, manufacturers will stop asking graphic artists to copy distinctive painting styles. Therefore, the cost of package design will rise because employing the services of known artists cost more than those of graphic designer that imitate their style.</p> <p>Q: The conclusion above is based on which of the following assumptions?</p>	<p>A. Most people are unable to distinguish a famous artist's illustration from that of a good graphic artist imitating the painter's style  <b>B. Manufacturers will use well-known painting styles in their packaging</b>  C. The original version of some well-known paintings are unavailable for use in packaging  D. Manufacturers will continue to use graphic artists to imitate the artistic style of famous painters</p>
16	<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.</p> <p>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 whea</b></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>A. A</b> B. B C. C D. D</p>

**Column A**

The remainder when a positive integer is divided by 5.

**Column B**

5

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18 Which of the following is equal to  $(3^8 \times 3^9)^{10}$  ?

A.  $3^{720}$   
B.  $3^{170}$   
C.  $3^{27}$   
D.  $3^{98}$

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19 If  $A > B$  and  $C < 0$ , then which of the following is not true ?

A.  $AC < BC$   
B.  $A + C > B + C$   
C.  $A - C < B - C$   
D. All of the above

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20 An instructor having 9224 students under him, arranges them into a square and finds 8 students to be excess. What is the number of students in the front row?

A. 97  
B. 88  
C. 104  
D. 96

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