

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

Sr	Questions	Answers Choice
1	A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part 1 butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make?	A. 25 3/5 B. 5 3/5 C. 20 D. 128
2	3/4 of 28 is equal to 30/7 of what number?	A. 90 B. 45 C. 30 D. 56
3	A rectangular is 16 cm long and 10 cm wide. If the length is reduced by k cm and its width is increased also by k cm so as to make it a square then its area changes by:	A. 169 B. 256 C. 100 D. 9 E. None of the above
4	If the area of a circle is 81π , then its circumference is:	A. 61π B. 20π C. 18π D. 16π
5	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 100/4 ¹⁰⁰ Column B 100/4 ¹⁰⁰	A. A B. B C. C D. D
6	Although the new cochleae manufactured by Medotech will cost more than twice as much as the cochlear implants now in use, Medotech implants should still be cost-effective. Not only will surgery and recovery time be reduced, but Medotech cochlear replacements should last longer, thereby reducing the need for further hospital stays. Q:Which of the following must be studied in order to evaluate the argument presented above?	A. <div>The amount of time a patient spends in surgery versus the amount of time spent recovering from surgery.</div> div> div> div> B. The amount by which the cost of producing Medotech cochlear replacements has declined with the introduction of the new technique for producing them C. The degree to which the use of Medotech cochlear replacements is likely to reduce the need for repeat surgery when compared with the use of the replacements now in use. D. The degree to which the use of Medotech replacements are more carefully manufactured than are the replacements now in use.
7	Question Image	A. 2(2 + √2) B. 4 + √2 C. 2 + √2 D. 4
8	In a school of 820 students, 55% are boys. The number of girls and the number of boys are:	A. 369 boys, 451 girls B. 281 boys, 539 girls C. 539 boys, 281 girls D. 451 boys, 369 girls
9	What is the average of x , y and z ? If $x + y = 5$, $y + z = 8$ and $x + z = 11$.	A. 11/3 B. 1/2 C. 13/5

		D. 4
10	Ayesha and Bisma together have \$20. Bisma and Adnan together have \$16. Ayesha and Adnan together have \$24. What is the smallest number of dollars that any girl has alone?	A. 4 B. 6 C. 10 D. 24
	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.	
11	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
	Column A The median of the 5 integers. Column B 70	
	The average (arithmetic mean) of 5 positive integers is 70.	
12	Question Image	
13	A worker is paid R rupees per hours for the first 8 hours daily. For every hour after the first 8 hours, she is paid S rupees per hour. If she works 12 hours in one day, what is her average hourly for the day?	A. 8R + S B. 8R + 4S/4 C. 12R - 8S/4 D. 2R + S/3
14	If $81^{10} = 3^{x-7}$, what is the value of x?	A. 47 B. 27 C. 51 D. 14
15	If $a+b>7$ and $a-b>5$, then which of the following gives all possible values of a and only possible value of a ?	A. a > 6 B. a < 5 C. a > 4 D. a < 7
	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.lf the relationship cannot be determined from the information given.	A. A
16	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.	B. B C. C D. D
	Column A $5 \nabla 4$	
	Column B 1/2 ∇ 2/5	
	$x \nabla y = x/y + y/x$	
17	A rectangular field which is twice as long as it is broad, has an area of 14450 \mbox{m}^2 , what is its perimeter ?	A. 85 m B. 510 m C. 165 m D. 170 m
18	The CEO of a large multinational firm wants to maxim:, revenues and increase sales. The production director,however, believes that increased production would only drive down the product would only drive down the product price and lower revenues. Q: Which of the following represents the logical flaw in director's reasoning?	A. The director assumes the plant at the firm is old fashioned B. He assumes that production goals are similar to financial goals C. He assumes that the supply produced by a single company can significantly after the aggregate supply for the market D. He assumes that they are market leader with a share of more than ninety percent of the aggregate

		sales
19	The smallest 4-digit number using 7, 0, 8 and 9 is:	A. 0879 B. 0789 C. 0978 D. 7890
20	Question Image	A. 144 B. 169 C. 100 D. 64