


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

Sr	Questions	Answers Choice
	<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>	
1	<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>Column A The average (arithmetic mean) of the even numbers between 1 and 13</p> <p>Column B The average (arithmetic mean) of the odd numbers between 2 and 14</p>	<p>A. A B. B C. C D. D</p>
2	If 35 students took an exam and 13 of failed, what percent of them passed?	<p>A. 20% approx B. 63% approx C. 25% approx D. 22% approx</p>
3	Ayesha completed questions 4 - 18 of a mathematics exercise in 30 minutes. At this rate, how long, in minutes, will it take her to complete questions 27 - 55 ?	<p>A. 59 B. 29 C. 30 D. 58</p>
4	A farmer wants to fence a triangular field. He plans to put a fencing post in each corner and place other posts at equal distance along its sides. He wants the posts to be as far apart as possible. The sides of the field are 477 feet 2412 feet and 636 long. How far apart will the posts be ?	<p>A. 18 feet B. 9 feet C. 27 feet D. 159 feet</p>
5	$3x^2 - 27/x - 3$ and $(x > 0)$, is:	<p>A. less than $2\sqrt{x} + 9$ B. equal to $2\sqrt{x} + 9$ C. greater than $2\sqrt{x} + 9$ D. cannot find</p>
6	<p>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.</p> <p>Q: Which of the following must be studied in order to evaluate the argument presented above?</p>	<p>A. The amount of time a patient spends in surgery versus the amount of time spent recovering from surgery.</p> <p>B. The amount by which the cost of producing Medotech cochlear replacements has declined with the introduction of the new technique for producing them</p> <p>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.</p> <p>D. The degree to which the use of Medotech replacements are more carefully manufactured than are the replacements now in use</p>
7	If $5x > 2$ and $12/2 x \leq 4$, list all the possible integral values of x ?	<p>A. 2, 3, 4, 5, 6 B. 1, 2, 3, 4, 5, 6, 7, 8 C. 2, 3 D. 1</p>
8	A clerk filed 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday, and 66 on Friday. What was the average number of forms filed per day?	<p>A. 50 B. 95 C. 84 D. 74</p>
9	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 ?	<p>A. $8R + S$ B. $8R + 4S/4$ C. $12R - 8S/4$ D. $8R + 4S/4$</p>

10	A rectangular field which is 10 times as long as its breadth has an area of 75690 sq m. What is its perimeter ?	A. 275 m B. 2750 m C. 1914 m D. 191 m
11	What is the area of the parallelogram ABCD ?	A. 24 B. 21 C. 29 D. 28
12	Question Image 	A. 256 B. 64π C. 256π D. $64(4 - \pi)$
13	<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>Column A $\frac{3}{2}\sqrt{6}$</p> <p>Column B $\sqrt{6}/4$</p>	A. A B. B C. C D. D
14	A machine produces 1280 parts in 16 hours. How many parts would it make in a working week of 44 hours ?	A. 2530 B. 3520 C. 2122 D. 3960
15	Three business partners shares have profit of Rs. 24000 in the ratio 5 : 4 : 3. What is the amount of the least share ?	A. 6000 B. 8000 C. 10,000 D. 1200
16	The volume of a cube is 216, its surface area is:	A. 64 B. 216 C. 25 D. 96
17	Yesterday Sagher earned Rs. 100 less than Bilal, and today Sagher earned Rs.75 more than Bilal. Which of the following must be true about Sagher's total earnings for the two days compared to Bilal's?	A. Sagher earned $\frac{3}{4}$ of what Bilal earned B. Sagher earned \$17.50 more than Bilal C. Sagher earned \$2.50 more than Bilal D. Sagher earned \$25 less than Bilal
18	If a is 20% of b, and b is 75% of c, then a is what percent of c?	A. 15 B. 55 C. 95 D. 40
19	<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>Column A ac</p> <p>Column B Bc</p>	A. A B. B C. C D. D

$abc = 0$
 $a > b$

20

If $4^{x+5} = 8^{x-1}$, what is the value of x ?

- A. $3/5$
- B. $-5/3$
- C. $-3/5$
- D. 4