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

Sr	Questions	Answers Choice
1	The height of a triangle of base 3 cm and area 9 cm^2 is:	A. 6 cm B. 9 cm C. 18 cm D. 22 cm
2	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** The average (arithmetic mean) of 15,215,415 **Column B** The average (arithmetic mean) of 0,15,215,413	A. A B. B C. C D. D
3	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?	A. 30% B. 40% C. 60% D. 20%
4	a has to be a whole number such that $0 \le a \le 10$. The solution for $a < 4$ and $a \ge 6$ is:	A. 5 B. 7 C. 3 D. no solution
5	What is the area of the parallelogram ABCD ?	A. 24 B. 21 C. 29 D. 28
6	If apples cost 3 for 37 cents, find the cost of 1 3/4 dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
7	Abdullah Sheikh, senior sales officer in a multinational, has trained many top salespeople in his company, including seven who have become the top salespersons in their regions and three who have won the top salesperson award. Although there is an art to selling, Mr. Sheikh's success at training top salespeople shows that the skills required to become a top salesperson can be both taught and learned. Q:The argument above depends on which one of the following assumptions?	A. Mr Sheikh does not teach the hard-sell method. Nor does he teach the "I'll-be-your friend" method. Instead, he stresses the professional-client relationship B. More than 50% of the people trained by Mr. Sheikh went on to become successful sales people C. One of the successful salespeople who trained under Mr Sheikh was not an accomplished salesperson before learning the Sheikh's Method D. There is a large and expanding industry dedicated to training salespeople
8	Health club membership has increased dramatically over the last five years. In order to take advantage of this increase, Fitness Express plans to open more of the same types of classes available during the week, while continuing its already very extensive advertising in newspapers and on the radio. Q: Which of the following if true, provides most support for the view that Fitness Express cannot increase membership on its gyms by adopting the plan outlined above?	A. Although it fills of the classes it opens, Fitness Express's share of all health club memberships has declined over the last five years B. Fitness Express number of classes offered to their clients has declined slightly over the last year C. Advertising has made the name of Fitness Express widely known, but few customers know that Fitness Express health clubs also off acupuncture and shiatsu treatments

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10	5/8 of 24 is equal to 15/7 of what number ?	A. 15 B. 105 C. 35 D. 7
11	A class of 30 girls and 40 boys sponsored a mango party. If 60 percent of the girls and 25 percent of the boys went on the party, what percent of the class went on the party?	A. 30% B. 35% C. 50% D. 40%
12	The area of an equilateral triangle whose altitude is 10, is:	A. $8\sqrt{3}$ B. $2\sqrt{3}$ C. $96\sqrt{3}$ D. $4\sqrt{3}$
13	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)
14	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?	A. 2 B. 3 C. 4 D. 5
15	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** The average (arithmetic mean) of x,y,z and 39 **Column B** 40	A. A B. B C. C D. D
16	The solution of the inequality -1 < 5x - 6 ≤ 4 in whole number is	A. 1 B. 2 C. 4 D. 5
17	What is the value of x^2 + 14x + 24, when x=854 ?	A. 1000 B. 100,000 C. 741,296 D. 742,398
18	There are twice as many boys a girls in an economics class. If 20% of the boys and 35% of the girls have already handed over their result cards, that percent of the students have not	A. 75 B. 65 C. 55

	yet handed over their cards ?	C. 55
		D. 15
19	Ali purchased some goldfish. During the first week, 1/5 of them died, and during the second week, 3/8 of those still alive at the end of the first week died. What is the fraction of the original goldfish still alive after two weeks ?	A. 1/2 B. 3/2 C. 5/2 D. 4/3
20	What is the area of the triangle *AEC*, in the above figure 1 ?	A. 12 B. 49 C. 14 D. 21