

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

Sr	Questions	Answers Choice
1	If $P^2 + 5 = 22$, then $P^2 - 5 =$	A. 12 B. 17 C. 39 D. 144
2	If 7 apples cost y cents, how many apples will x dollars buy?	A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700x/y$
3	What is the least positive integer which is to be added to 57592910 so that the sum may be a perfect square ?	A. 7588 B. 7 C. 11 D. 15166
4	If $1/x + 1/y = 1/z$ and $xy = z$, what is the average of x and y ?	A. $1/2$ B. 1 C. $\frac{x+y+z}{3}$ D. $\frac{x+y+z}{2}$
5	<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 Q1. The product of the odd integers between -8 and 8.</p> <p>Column B Q1. The product of the even integers between -9 and 9.</p>	A. A B. B C. C D. D
6	The average height of a class of 14 boys is 5.3 feet. A new boy is admitted to the class. The new average of height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
7	<p>A study of residents in Gujrat found that one fourth of the children developed considerable levels of nearsightedness five years after starting school, while their illiterate age fellows, who had no opportunity for formal schooling, showed no signs of this disability.</p> <p>Q: If the above statements are true, which of the following conclusions is most strongly supported by them?</p>	A. Only literate people are nearsighted B. Almost all schools in Gujrat are surrounded by forests C. Visual stress required by reading causes nearsightedness D. One-third of the children are illiterate
8	Question Image	
9	In a squash tournament that has 75 entrants, a player is eliminated whenever he loses a match. How many matches will be played in the entire tournament ?	A. 74 B. 18 C. 34 D. 36
10	On a test consisting of 60 problems, Sonia solved 75% of first 40 problems correctly. What percent of the other 20 questions does she need to solve correctly for her grade on the entire exam to be 90% ?	A. 95% B. 65% C. 85 % D. cannot achieve 90%
11	What is the perimeter of $\triangle CEA$, in the figure 1 ?	A. 16 B. 25 C. 17 D. $2 + 7\sqrt{5} + \sqrt{277}$
12	The average of five numbers is 54. If three of the numbers are 26, 28 and 30, what is the average of the other two ?	A. 91 B. 93 C. 54 D. 186

13	If the ratio of boys and girls in a class is 3 : 5 and the class contains 24 students, how many additional boys would have to enroll to make the ratio of boys to girls 1 : 1 ?	A. 9 B. 15 C. 6 D. 12
14	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. Q:Any of the following, if introduced into the argument as an additional premise, makes the argument above logically correct EXCEPT:	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 D. Oats have more nutritional value than wheat
15	Question Image <input type="text"/>	A. $100\sqrt{0}$ B. $60\sqrt{0}$ C. $80\sqrt{0}$ D. $40\sqrt{0}$
16	If $2m = 4x$ and $2w = 8x$, what is m in terms of w ?	A. $w - 1$ B. $w + 1$ C. $2w - 1$ D. $2w + 1$
17	If it takes 10 minutes to walk $\frac{3}{7}$ mile, how many minutes will it take to walk the rest of the mile?	A. $2\frac{1}{3}$ B. $13\frac{1}{3}$ C. $4\frac{2}{7}$ D. 30
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	How many 1cm square pieces of paper can Rachael cut from a square sheet of paper with a side length of 2.1 m?	A. 22100 cm^2 B. 44100 cm^2 C. 27100 cm^2 D. 36100 cm^2
20	Question Image <input type="text"/>	A. 2535 cm^2 B. 2720 cm^2 C. 3348 cm^2 D. 628 cm^2