

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

Sr	Questions	Answers Choice
1	When 4 dice are thrown, what is the probability that the same number appears on each of them?	A. 1/36 B. 1/18 C. 1/216 D. 1/5
2	When two dice are thrown simultaneously, what is the probability that the sum of the two numbers that turn up is less than 11?	A. 5/6 B. 11/12 C. 1/6 D. 1/12
3	What is the probability that a two-digit number selected at random will be a multiple of '3' and not a multiple of '5'?	A. 2/15 B. 4/15 C. 1/15 D. 4/90
4	What is the probability of getting all six in a single throw of three unbiased dice?	A. 1/6 B. 125/216 C. 1/36 D. 1/216
5	A number is selected at random from first thirty natural numbers. What is the chance that it is a multiple of either 3 or 13?	A. 17/30 B. 2/5 C. 11/30 D. 4/15
6	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
7	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 $\frac{3}{5}$ B. 5 $\frac{3}{5}$ C. 20 D. 128
8	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank?	A. 300 B. 750 C. 250 $\frac{3}{4}$ D. 333 $\frac{1}{3}$
9	If 10 tractors are needed to plow a field in 4 hours, how many tractors are needed to plow the field in 5 hours?	A. 32 B. 4 C. 16 D. 8
10	If apples cost 3 for 37 cents, find the cost of 1 $\frac{3}{4}$ dozen apples.	A. 111 cents B. 159 cents C. 259 cents D. 211 cents
11	How many miles are there between two cities if the distance is represented by a 2.4-inch line on a map having a scale of 1 inch to 8 miles?	A. 19.2 B. 12.8 C. 8.5 D. 38
12	Find the value of x if $3 : b = x : c$.	A. $\frac{3b}{c}$ B. $\frac{c}{3b}$ C. $\frac{2c}{3b}$ D. $\frac{3c}{b}$
13	If a train travels $\frac{5}{6}$ mile in 1 $\frac{1}{4}$ minutes, how many miles will it travel in 1 hour?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
14	Find the ratio of 18 inches to 2 yards.	A. $\frac{3}{4}$ B. $\frac{1}{4}$ C. $\frac{1}{5}$ D. $\frac{2}{5}$
15	The population of 8 villages is 900, 750, 1100, 1050, 835, 1250, 555 and 630. Find the population of ninth village if the average population of nine villages is 900.	A. 1200 B. 1065 C. 1030 D. 1800

16	Out of the 44 boys in a class, 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 5. Find the average age of the entire class.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
17	A man bought 20 used laptops at \$200 each, 9 at \$300 each, and 6 at \$100 each. Find the average price per laptops	A. \$250.55 B. \$208.57 C. \$400.50 D. \$380
18	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
19	A and B can do a job in 6 days. If A do the job alone he takes 10 days. What will be the time required by B to complete the job alone?	A. 8 B. 6 C. 15 D. 3
20	The average of x, y, z and 40 is 10. What is the average of x, y and z .	A. 10 B. 0 C. 2 D. 15
