

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

Sr	Questions	Answers Choice
1	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
2	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
3	What is the average of first hundred natural numbers ?	A. 50 B. 50.5 C. 49.5 D. 100
4	The average of even integers from 2 to 100 inclusive is:	A. 49 B. 52 C. 51 D. 50
5	Green paint is obtained from blue and yellow paint in the ratio 3 : 5. How much of each colour is needed to make 40 litres of this green paint ?	A. Blue paint 15 litres, yellow paint : 25 litres B. Blue paint: 25 litres, yellow paint: 15 litres C. Blue paint: 10 litres, yellow paint: 30 litres D. Blue paint: 13 litres, yellow paint: 27 litres
6	A recipe requires 13 gram of sugar and 18 gram of flour. If only 100 gram of sugar is used, how much flour, to the nearest gram, should be used ?	A. 16 B. 13 C. 14 D. 17
7	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
8	If the ratio of $a : b$ is 9 : 7 then $a + b$ is:	A. 14 B. 16 C. 63 D. not possible
9	If a jet travels 1280 km in 2 hours, how far will it travel in $5\frac{1}{2}$ hours, at the same speed ?	A. 2100 B. 3300 C. 2700 D. 3520
10	If 15 workers can paint a certain number of houses in 24 days, how many days will 40 workers take, working at the same rate, to do the same job ?	A. 12 days B. 18 days C. 15 days D. 9 days
11	Win/Loss ratio for two teams are A, 5 : 2 and B, 7 : 3 which team has the better record ?	A. A B. B C. both A and B D. wrong question
12	What is the ratio of the circumference of a circle to its radius ?	A. π B. $\pi/2$ C. $2\pi r$ D. 2π
13	If 80 % application to a program were rejected, what is the ratio of the number accepted to the number rejected ?	A. 1 : 4 B. 4 : 1 C. 1 : 8 D. 3 : 8
14	If the ratio of x and y is $11/3$, what is the value of $2x$ to y ?	A. $11/6$ B. $22/6$ C. $22/3$ D. $11/5$

- 15 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
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- 16 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
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- 17 Concrete consists of cement, sand and screenings in the ratio of 1 : 5 : 4, what is the percentage of the sand mixed ?
A. 10%
B. 40%
C. 50%
D. 60%
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- 18 In a city 90% of the population own a car, 15% own a motorcycle, and everybody owns one or the other or both. What is the percentage of motorcycle owners to who own cars ?
A. 15%
B. 5%
C. 75%
D. 33 1/3%
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- 19 Jafer drew a square. He then erased it and drew a second square whose sides were 3 times the sides of the first square. By what percent was the area of the square increased ?
A. 300%
B. 800%
C. 400%
D. 200%
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- 20 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