

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

Sr	Questions	Answers Choice
1	The least number which when divided by 12,15 and 18 leaves 5 as remainder in each case is:	A. 180 B. 175 C. 185 D. 125
2	In an examination, Rizwana has more marks than that of Fauzia. Shugufta hasfewermarks than that of Zahid. Fauzia and Abid have more marks than that of Shugufta. Q:If the above is true, which of the following most also be true?	A. Fauzia has fewer marks than that of Shugulta B. Rizwana has more points than that of Shugufta C. Fauzia has fewer points than that of Zahid D. Zahid has more points than that of Rizwana
3	Question Image	A. $3 + 4\sqrt{3}$ B. $18(3 + 4\sqrt{3})$ C. 54 D. $84\sqrt{3}$
4	In many hospitals, more and more monitoring is being carried out by automated equipment instead of humanemployees who previously carried out the work. This is done in an attempt to save hospital expenses. However, many employees who lose their jobs to automation will need government assistance to get by, and the same corporations that are laying people off will eventually pay for that assistance through increased taxes and unemployment insurance payments. Q:Which of the following, if true, most strengthens the author's argument?	A. Most of the new jobs created by automated equipment pay less than the jobs that were eliminated by automated equipment did B. Many hospitals that have failed to automate have seen their profits decline C. Unemployment insurance and taxes are paid also by corporations that are not automating D. Many workers who have already lost their jobs to automated equipment have been unable to find new employment
5	Question Image	
6	13 Years ago Shabbir mother was 7 times as old as he was. She is now 48 years old. How many years old is Shabbir now?	A. 28 B. 18 C. 38 D. 20
7	Bus Company President: A city councilman has stated his objection to the claim that the city buses are dangerous. This is clearly untrue. None of the new buses in use has ever crashed or even had a serious malfunction. City councilman: The problem with the new buses is not that they malfunction, but that they are no flamboyantly painted that other drivers on the road are distracted and this may cause accidents. Q:The councilman responds to the bus company president by doing which of the following?	A. Characterizing the bus company president's assertion as stemming from subjective interest rather than from objective evaluation of the facts B. Drawing attention to the fact that the bus company president's interpretation of the word "dangerous" is too narrow C. Invoking evidence that the bus company president has explicitly dismissed as irrelevant the point at issue D. Citing statistical evidence that refutes the bus company president's claim
8	If the radius of a circle is increased by 20% then the area is increased by:	A. 14% B. 120% C. 144% D. 40%
9	The volume of a cube is 216, its surface area is:	A. 64 B. 216 C. 25 D. 96
10	If $1/2 x + 1/4 x + 1/8 x = 22$, what is the value of x?	A. 88 B. 44 C. 1 D. 24
11	How many integers between 28 and 98 are exactly divisible by 7?	A. 9 B. 11 C. 12

		D. 8
12	If p is a positive number, 400% of p is what percent of 400 p?	A. 4 B. 25 C. 40 D. 1
13	Question Image	A. Volume of the cube is less than the volume of the box B. Volume of the cube is greater than the volume of box C. Volume of the cube is equal to the volume of box D. The surface area of both cube and box are equal
14	The greatest number which exactly divides 1155 and 735 is:	A. 25 B. 5 C. 15 D. 105
15	Which of the following operations has same effect as multiplying by 0.5?	A. Multiplying by 1/2 B. Multiplying by 2 C. Dividing by 1/2 D. Dividing by 3
16	How many whole bricks $6 \times 12 \times 24 \text{ cm}^3$ will be sufficient to construct a solid cube of minimum size ?	A. 4 B. 6 C. 8 D. 12
17	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
18	Question Image	A. 50 B. 30 C. 45 D. 40
19	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
20	Two spinning machines A and B can together produce 300,000 meters of cloth in 10 hours. If machine B alone can produce the same amount of cloth in 15 hours, how much cloth can machine A produce alone in 10 hours?	A. 200,000 meters B. 100,000 meters C. 150,000 neters D. 50,000 meters E. 250,000 meters