

## GAT-A Business and Engineering Quantitative

Sr	Questions	Answers Choice
1	In a screeening process of 5600 candidates, 20% of the candidates were disqualified in the first test. In the second test 40% of the first test qualifiers were disqualified. How many candidates qualified the test?	A. 2688 B. 1344 C. 3600 D. 5000
2	The area of an equilateral triangle whose altitude is 10, is:	A. 8√3 B. 2√3 C. 96√3 D. 4√3
3	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 7 x 7 x 7 x 7 Column B 74	A. A B. B C. C D. D
4	Question Image	A. 20 B. 24 C. 40 D. 96
5	Question Image	A. $2 + 3\sqrt{2}$ B. 8 C. $4 + 6\sqrt{2}$ D. $3 + 2\sqrt{2}$
6	Question Image	A. 325 B. 225 C. 125 D. cannot be exactly determined form the given information
7	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
8	A bag contains 20 marbles: 6 green, 10 brown, and 4 white. If one marble is removed randomly, what is the minimum number that must be removed to be certain that you have at least 2 marbles of each colour	A. 16 B. 18 C. 10 D. 15
9	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 3/4 D. 333 1/3
10	The Positive difference between k and 1/8 is same as the positive difference between 1/2 and 1/3. Which of the following could be the value of K?	A. 1/7 B. 7/24 C. 23/24 D. 1/6

12	A clerk filed 73 forms on Monday, 85 forms on Tuesday, 54 on Wednesday, 92 on Thursday, and 66 on Friday. What was the average number of forms filed per day?	B. 95 C. 84 D. 74
13	Question Image	A. 54 B. 72 C. 4 + √3 D. 12(4 + √3)
14	Munir was born on August 14, 1934 and died on February 28, 1999. What was his age, in years, at the time of his death?	A. 64 B. 65 C. 66 D. 68
15	If a train travels 5/6 mile in 1 1/4 minutes, how many miles will it travel in 1 hour?	A. 20 miles B. 50 miles C. 40 miles D. 30 miles
16	If $a + b = 8$ , $b + c = 9$ , and $c + a = 11$ , what is the average of a, b and c?	A. 14/3 B. 28/3 C. 14/6 D. 7/3
17	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
18	The average number of goals a team has scored in 7 matches is 8. They averaged 10 goals for the first 3 matches and they scored 5 goals in each of the next tow matches. What is the average score of the last two matches?	A. 5 goals B. 4 goals C. 6 goals D. 8 goals
19	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 value of $x * y$ when $x = 1/2$ and $y = 1/3$ Column B -1 $x * y = 1/x - 1/y$	A. A B. B C. C D. D
20	A cylinder and the cube have the same volume, if the height, h, of that cylinder is equal to the edge e of the cube, the radius of the cylinder is:	A. √π/h B. π/h C. h/√π D. 2π/h