GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	If 60% of A is 30% of B, then B is what percent of A ?	A. 300% B. 30% C. 200% D. 3%
2	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
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** x **Column B** 5 $1/x = 5$	A. A B. B C. C D. D
4	What is the perimeter of ΔCEA, in the figure 1 ?	A. 16 B. 25 C. 17 D. 2 + 7 √5 + √277
5	If $1/x-y = 7$, then $x =$	A. x + 1/7 B. x - 1/7 C. 1/7 - x D. x/7 -1
6	If 8 is 4 percent of k, then k is 4 percent of:	A. 5000 B. 4000 C. 800 D. 80
7	In solving an arithmetic example, Lubna, by mistake multiplied by 6 instead of dividing by 6. If her answer was 13 1/5, what should be the correct answer to the example?	A. 2 8/11 B. 5/66 C. 2 1/5 D. 11/30
8	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** $3/2\sqrt{6}$ **Column B**	A. A B. B C. C D. D

√6/4

9	If x and y are positive integers and $x^2 + 2y^2 = 41$, $2x^2 + y^2 = 34$, then $x^2 =$	A. 6 B. 8 C. 75 D. 9
10	An instructor having 9224 students under him, arranges them into a square and finds 8 students to be excess. What is the number of students in the front row?	A. 97 B. 88 C. 104 D. 96
11	If 2x + 5y = 18 and x = 4 then what is the value of y?	A. 2 B. 3 C. 4 D. 5

12	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** ac **Column B** Bc Abc = 0 a > b	A. A B. B C. C D. D

13	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%
14	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
15	The total number of eighths in 3 3/4 is:	A. 15 B. 54 C. 30 D. 24
16	If P is a negative integer and $p^2 + 11p = t$, a value of t could be	A. 12 B. 18 C. -18 D. 11
17	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
18	Ahmed has a rectangular garden measuring 4.32m by 3.36m. He wants to divide it into square plots of equal size. What is largest sized square the can use?	A. 0.24 B. √3 C. 0.48m D. 0.16
19	Question Image	A. 20° B. 70° C. 100° D. 110°
20	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