GAT-A Business and Engineering Quantitative

Sr	Questions	Answers Choice
1	The average of a,b,s , and t is 6 and the average of s and t is 3. What is the average of a and b?	A. 3 B. 18 C. 9 D. 12
2	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
3	A study of residents in Gujrat found that one fourth of the children developed considerable levels of nearsightedness five years after starting school, while their illiterate age fellows, who had no opportunity for formal schooling, showed no signs of this disability. Q:If the above statements are true, which of the following conclusions is most strongly supported by them?	A. Only literate people are nearsighted B. Almost all schools in Gujrat are surrounded by forests C. Visual stress required by reading causes nearsightedness D. One-third of the children are illiterate
4	In All Pakistan Weight Lifting competition in Multan, double of first lift of Mr. Sahiwal was 150 kilograms more than his second lift and the sum of two lifts was 375 kilograms. What was the weight of his first lift?	A. 300 B. 350 C. 175 D. 100
5	Question Image	A. π²(r² - R²) B. πr² + πR² C. π²(R + r)(R - r) D. π(R + r)(R - r)
6	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
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	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** y x and y are positive 1/x = 1 + 1/y	A. A B. B C. C D. D
9	The least number which when divided by 35, leaves remainder of 25; when divided by 45 leaves a remainder of 35 and when divided by 55 leaves 45 as remainder, is:	A. 3455 B. 3465 C. 3475 D. 10
		A. The criteria that the computer uses in determining what items are included in the accounting of a

10	A small furniture store uses a software program called Blaze to do its basic bookkeeping. There is good reason to believe that the accounting it provides is inaccurate. Several times when the accounts were carefully calculated by a bookkeeper using an adding machine, the resulting total differed from the total the computer gave. Q:The furniture store manager's reasoning relies on which of the following assumptions?	particular month differ from the criteria the bookkeeper uses B. The inaccuracy of the computer's accounting does not result from a malfunction of the computer itself C. It would be possible to modify the computer so that it calculated the store's accounts more accurately. D. A careful calculation by the bookkeeper using an adding machine is unlikely to be less accurate than the computer's accounting
11	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
12	If 6 - a > 7, then	A. a > 1 B. a > -1 C. a < -1 D. a < 1
13	If a square of area 3 is inscribed in a circle, then the area of the circle is:	A. 9/4 π B. 9π² C. 3π D. √3 π
14	If a jet travels 1280 km in 2 hours, how far will it travel in 5 1/2 hours, at the same speed ?	A. 2100 B. 3300 C. 2700 D. 3520
15	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
16	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** p + .5 **Column B** 2p/4 + 1	A. A B. B C. C D. D
17	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** 4x **Column B** x^4 <-------+-----+---------+----------> -1 x 0 1	A. A B. B C. C D. D
		A. 10% in crease

18	If the radius of the circle is decreased by 20%, what happens the area ?	B. 20% decrease C. 80% increase D. 36% decrease
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 average (arithmetic mean) of the even numbers between 1 and 13 **Column B** The average (arithmetic mean) of the odd numbers between 2 and 14	A. A B. B C. C D. D
20	Question Image	A. 25.25 B. 36.5 C. 42.5 D. 35