GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	The cube of 1/2 is:	A. 1/4 B. 1/8 C. 1/2 D. 1/16
2	If 60% of A is 30% of B, then B is what percent of A ?	A. 300% B. 30% C. 200% D. 3%
3	If $4^{x+5} = 8^{x-1}$, what is the value of x ?	A. 3/5 B. - 5/3 C. - 3/5 D. 4
4	Question Image	A. 50 B. 75 C. 25 D. 65
5	If the area of a circle is 81π, then its circumference is:	A. 61π B. 20π C. 18π D. 16π
6	Question Image	A. 89 B. 90.9 C. 89.9 D. 105
7	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
8	Three times the first of three consecutive odd integers is 3 more than twice the third. What is the third integer ?	A. 11 B. 12 C. 15 D. 13
9	If 3y = 7, the value of 6y - 3 is:	A. 39 B. 13 C. 11 D. 10
10	If $x = 235$ and $y = 117$, then $x^2 - y^2/x-y = ?$	A. 118 B. 100 C. 115 D. 352
11	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^4 x^5 **Column B** $(x^3)^2$ (x>0)	A. A B. B C. C D. D

12	(a + b)(a - b) =	A. a(a - b) - b(a - b) B. a(b - a) + b(a - b) C. a(a + b) - b(b + a) D. a(a - b) + b(b - a)
13	Of the following, which value of x produces the greatest value of f(x)?	A. -2 B. -1 C. 1 D. 2 E. 3
14	In figure 2, what is the area of Δ*BED* ?	A. 16 B. 14 C. 12 D. 6
15	There are 20 boys in a class. Five of them are left-handed. What fraction of the class is left handed ?	A. 1/5 B. 1/2 C. 1/4 D. 2/11 E.
16	Question Image	A. 144 B. 169 C. 100 D. 64
17	If Dabeer is 1/3rd the age of his father Agha Jameel now, and was 1/4th the age of his father 5 years ago, how old will his father 5 years ago, how old will his father Agha Jameel be 5 years from now?	A. 20 B. 45 C. 40 D. 50 E. 15
18	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
19	If a is 20% of b, and b is 75% of c, then a is what percent of c?	A. 15 B. 55 C. 95 D. 40
20	The number p is 4 more than 3 times the number r. The sum of p and r is 10.Which of the following pairs of equations could be used to find the values of p and r?	A. p = 3r + 4 p + r = 10 B. p = 3r + 4 pr = 10 C. p = 3(r +4) p + r = 10 D. p + 4 -3r p + r = 10