GAT-B Arts, Humanities & Social Science Quantitative

Sr	Questions	Answers Choice
1	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 x,y,z and 39 **Column B** 40	A. A B. B C. C D. D
2	4/9 of a number is 12. What is the number ?	A. 27 B. 36 C. 18 D. 16
3	Out of the 44 boys in a class, 9 are of the age of 10, 15 at the age of 9, and the rest are at the age of 5. Find the average age of the entire class.	A. 7.85 B. 8.75 C. 12.2 D. 14.35
4	Zahid has refused to work hard for the exam preparation; therefore, no more pocket money from his father should be provided to him. Q:Which of the following is an assumption made in the argument above?	A. Zahid is a dull student B. Pocket money of his brother Abid is more C. Money has no importance in Zahid's life D. Zahid is a greedy boy, and demand more metay from his father
5	If a + b > 7 and a - b > 5, then which of the following gives all possible values of a and only possible value of a ?	A. a > 6 B. a < 5 C. a > 4 D. a < 7
6	The solution of the inequality -1 < 5x - 6 ≤ 4 in whole number is	A. 1 B. 2 C. 4 D. 5
7	The smallest member of set W is:	A. 0 B. 1 C. 2 D. 3
8	What percent of 1/2 is 5/4 ?	A. 2.5 B. 1.5 C. 250 D. 150
9	Question Image	A. 33π B. 24π C. 25π D. 11π
10	There are twice as many boys a girls in an economics class. If 20% of the boys and 35% of the girls have already handed over their result cards, that percent of the students have not yet handed over their cards ?	A. 75 B. 65 C. 55 D. 15
		A. Determining what kind of wood is used to make the reeds used by jazz clarinetists B. Determining whether jazz

11	Clarinet reeds often lose their freshness - become less responsive - after a few weeks of intense use. One clarinetist has hypothesized that a buildup of oil, rather than changes in the material properties of the reed, were responsible. Q:Which of the following investigations is most likely to yield significant information that would help to evaluate the hypothesis?	clarinetists make their reeds lose their freshness faster than do classical clarinetists C. Determining whether identical lengths of reeds, of the same thickness, lose their freshness at different rates when put onto various brands of clarinets D. Determining whether rubbing various substances on the new reed causes them to lose their freshness.
12	A man was 26 years old when his daughter was born. Now, he is three times as old as his daughter. How many years old is the daughter now ?	A. 13 years B. 22 years C. 15 years D. 12 years
13	Fatima and Maryium each roll a sheet of 9 × 18 paper to form a cylinder. Fatima tapes the two 9-inch edge together and Maryium tapes the two 18-inch edge together. Refer to this question and tell which of the following statement is true ?	A. The volume of Fatima cylinder is greater than Maryium cylinder B. The volume of Fatima cylinder is less than Maryium cylinder C. The volume of Fatima cylinder is equal to the Maryium cylinder D. Both cylinders have the same circumference
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15	What is the least positive integer which is to be added to 57592910 so that the sum may be a perfect square ?	A. 7588 B. 7 C. 11 D. 15166
16	If 3y = 7, the value of 6y - 3 is:	A. 39 B. 13 C. 11 D. 10
17	Question Image	A. 20 B. 24 C. 40 D. 96
18	Harper's Pencils manufactures and sells the same pencils as Johnson's Supply. Employee wages account for forty percent of the cost of manufacturing pencils at both factories. Harper's is seeking a competitive edge over Johnson's supply. Therefore, to promote this end, Harper's should lower employee wages. Q:Which of the following, if true, seriously weakens the argument above?	A. Because they make a small number of specialty artist's pencils, pencil manufacturers cannot receive volume discounts on raw materials B. Lowering wages would reduce the quality of employee work and this reduced quality would leadto lowered sales C. Harper's Pencils has taken away twenty percent of Johnson's Supply business over the last year D. Johnson's Supply pays its employees, on average, ten percent more than does Harper's Pencils
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D.If the relationship cannot be determined from the information given.

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Column A
13/14 of 15/16
Column B
16/17

A. A
B. B
C. C
D. D

20

Question Image

A. 6
B. 49
C. 8
D. Not possible