

GAT-A Business and Engineering 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 3/13 of 45 Column B 45/13 of 3	A. A B. B C. C D. D
2	Which of the following is the average of x^4 - 20, 40 - x^4 , and 3 x + 4?	A. <i>x</i> ⁴ - 24 B. <i>x</i> + 8 C. x ⁴ + 3 <i>x</i> + 24 D. <i>x</i> + 24
3	If a/2 - 2 > a/3, then which of the following statement is true ?	A. a < 12 B. a > 12 C. a = 12 D. a ≥ 12
4	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29
5	If x^2 - y^2 = 16 and x^2 + y^2 = 34, which of the following could be the value of xy ? i. 15 ii15 iii. 45	A. only 1 B. only 2 C. 1 and 2 only D. 3 only
6	Question Image	A. 50 B. 75 C. 25 D. 65
7	The length of a rectangle is twice its width. If the perimeter of a rectangle is the same as the perimeter of a square of size 9, what is the length of a diagonal of the rectangle?	A. 180 B. 3√5 C. 36 D. 6√5
8	Each man contributed dollars equal to the number of women and each woman contributed dollars equal to the number of men in a group of 120 group of 120 people, the total amount collected was Rs. 7200. How many men were there in the group?	A. 72 B. 60 C. 40 D. 80 E. None of these
9	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
10	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.
11	Question Image	A. 144 B. 169 C. 100 D. 64

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 The average (arithmetic mean) of 15,215,415 Column B The average (arithmetic mean) of 0,15,215,413	A. A B. B C. C D. D
13	Sonia buys two off-cuts of ribbon in a sale. One is 153 cm long. The other is 204 cm long. She cuts them so that she ends up with a number of pieces all the same length. What is the greatest length each piece can be ?	A. 39 B. 6 C. 17 D. 51
14	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 (11/13) ⁵ x ⁵ = 11/13	A. A B. B C. C D. D
15	Mohin is now three times Mohsin age. Four years from now Mohin will be y years old. In terms of y, how old will Mohsin be ?	A. <i>x</i> - 4/3 B. <i>x</i> + 4/3 C. <i>x</i> + 4 D. <i>x</i> - 4
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 The amount of rain that falls in 1 month in Punjab. Column B The amount of rain that falls in 2 months in Punjab.	A. A B. B C. C D. D
17	A class of 30 girls and 40 boys sponsored a mango party. If 60 percent of the girls and 25 percent of the boys went on the party, what percent of the class went on the party?	A. 30% B. 35% C. 50% D. 40%
18	If 1 is added to the denominator of a fraction, it becomes (1/2) and if 1 is added to the numerator, the fraction becomes 1. The fraction is:	A. 4/7 B. 10/11 C. 2/3 D. 5/9

A 27 If the sum of two numbers is 36, and the larger is three times as larger as the smaller, what is B. 30 19 C. 15 D. 18 the larger number? 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. В. В 20 Notes:Sometimes,in certain question,information concerning one or both the C. C 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 4/7 of x Column B (2/5 of x equals 5/4 of x)

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