

GAT-A Business and Engineering Quantitative

Sr	Questions	Answers Choice
1	If it takes 10 minutes to walk $\frac{3}{7}$ mile, how many minutes will it take to walk the rest of the mile?	A. $2\frac{1}{3}$ B. $13\frac{1}{3}$ C. $4\frac{2}{7}$ D. 30
2	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>	A. A B. B C. C D. D
3	If $x > y$, then $(x - y)(x + y)$ is :	A. equal to $(x - y)(x + y)$ B. less than $(x - y)(x + y)$ C. greater than $(x - y)(x + y)$ D. options A and C
4	The value of $(5x + 6)(x + 12) - (5x - 6)(x + 3)$ is:	A. $2(5x + 9)$ B. 14 C. 4 D. 22
5	Which of the following is the average of $x^2 - 16$, $39 - x^2$ and $3x + 10$?	A. $x + 3$ B. $2x + 13$ C. $x + 11$ D. $x + 11/3$
6	A bag has 7 marbles, one of each of colours, green, blue, brown, yellow, red, white and pink. If 6 marbles are removed from the bag, what is the probability that the red one was removed ?	A. $\frac{1}{7}$ B. $\frac{4}{3}$ C. $\frac{2}{7}$ D. $\frac{6}{7}$
7	If $2x + 5y = 18$ and $x = 4$ then what is the value of y ?	A. 2 B. 3 C. 4 D. 5
8	What is the value of the function $k(x) = x^2 - 2$ when $x = 7$?	A. 5 B. 9 C. 45 D. 47 E. 51
9	If circumference of a circle is 3π , then its area is:	A. $\frac{7\pi}{2}$ B. $9\pi^2$ C. $4\pi^2$ D. $\frac{9\pi}{4}$
10	On a test consisting of 60 problems, Sonia solved 75% of first 40 problems correctly. What percent of the other 20 questions does she need to solve correctly for her grade on the entire exam to be 90% ?	A. 95% B. 65% C. 85 % D. cannot achieve 90%

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

Directions:

- 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.
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11

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

Column A

P

Column B

150

$$\sqrt{P} + 3 = 15$$

12

A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make?

- A. $25 \frac{3}{5}$
- B. $5 \frac{3}{5}$
- C. 20
- D. 128

13

Naghmana has 4 shirts of red, blue, green, and brown colors. She also has 3 trousers of black, brown, and white colors. How many different shirt trouser combinations can she wear, if she has decided to wear the white trouser?

- A. 4
- B. 6
- C. 8
- D. 12
- E. 24

14

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

15

Question Image

- A. 4
- D. 10

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

Column A

The product of the integers.

Column B

The average of the integers.

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

Column A

The remainder when a positive integer is divided by 5.

Column B

5

18

The average of x,y,z and 40 is 10. What is the average of x,y and z.

- A. 10
- B. 0
- C. 2
- D. 15

19	If $x = 235$ and $y = 117$, then $x^2 - y^2/x - y = ?$	A. 118 B. 100 C. 115 D. 352
20	What is the area of a circle whose radius is the diagonal of square whose area is 9?	A. $\sqrt{3}\pi$ B. 12π C. 4π D. 13π
