

GAT-C Agriculture, Veterinary, Biological & Related Science Quantitative

Sr	Questions	Answers Choice
<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>		
1	<p>Column A g^2</p> <p>Column B 3^4 $(8^{2a} = 4^{3b})$</p>	<p>A. A B. B C. C D. D</p>
2	<p>Two spinning machines A and B can together produce 300,000 meters of cloth in 10 hours. If machine B alone can produce the same amount of cloth in 15 hours, how much cloth can machine A produce alone in 10 hours?</p>	<p>A. 200,000 meters B. 100,000 meters C. 150,000 meters D. 50,000 meters E. 250,000 meters</p>
3	<p>Uzma is 15 years old. Asma is one third older than Uzma. How many years ago when Asma was twice as old as Uzma is ?</p>	<p>A. 5 B. 12 C. 15 D. 10</p>
4	<p>If $3x + 17 = 9 - x$, what is the value of x ?</p>	<p>A. 2 B. 3 C. -2 D. -3</p>
5	<p>If $a = -5$ and $b = 3$ then $-a^2 b^3$ is:</p>	<p>A. less than 0 B. equal to 0 C. greater than 0 D. options B and C</p>
6	<p>One sixth of a day is what part of the time between 3 p.m. Monday and 3 p.m. Thursday of the same week?</p>	<p>A. 1/10 B. 1/18 C. 1/15 D. 1/12</p>
7	<p>If 7 apples cost y cents, how many apples will x dollars buy?</p>	<p>A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700xy$</p>
8	<p>A German class has 12 boys and 18 girls. What is the fraction of the class boys ?</p>	<p>A. 1/6 B. 3/5 C. 2/3 D. 4/15</p>
9	<p>How many polythene bags, each holding 8 ounces, are needed to hold 3 quarter of vegetable oil?</p>	<p>A. 8 B. 12 C. 14 D. 16</p>

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A. A
 - -

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B. B
C. C
D. D

Column A

The product of the integers

Column B

The average of the integers

The sum of 5 consecutive integers is 0

- 11 If Dabeer is $\frac{1}{3}$ rd the age of his father Agha Jameel now, and was $\frac{1}{4}$ th 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

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

Column A

P

Column B

0

($pq = 0$)

- 13 In figure 2, what is the area of $\triangle BED$?

A. 16
B. 14
C. 12
D. 6

- 14 A soap factory has 30 packers. Each packer can load $\frac{1}{8}$ of a box in 9 minutes. How many boxes can be loaded in $1\frac{1}{2}$ hours by all 20 packers ?

A. 28
B. $37\frac{1}{2}$
C. 35
D. $35\frac{1}{2}$

- 15 The surface area of sphere of radius $3\frac{1}{2}$ cm is:

A. 130 sq.cm
B. 69 sq.com
C. 154 sq.cm
D. 98 sq.cm

- 16 If the sum of one third of a number and twice the same number is 28, the number is:


A. 10
B. 12
C. 28
D. 14

- 17 How many 1 cm square pieces of paper can Rachael cut from a square sheet of paper with a side length of 2.1 m?

A. 22100 cm^2
B. 44100 cm^2
C. 27100 cm^2
D. 36100 cm^2

- 18 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

- 19 

A. 89
B. 90.9
C. 89.9
D. 105

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20

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

Column A

Ab

Column B

a/b

$a = -2/3$ and $b = 3/5$
