

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

Sr	Questions	Answers Choice
1	Question Image <input type="text"/>	A. 70^o B. 60^o C. 75^o D. 65^o
2	One positive number is $\frac{2}{3}$ of the other and their product is 24. what is the sum of the two?	A. 6 B. 18 C. 36 D. 24 E. 10
3	The average height of a class of 14 boys is 5.3 feet. A new boy is admitted to the class. The new average of height now becomes 5.25. What is the height of the new boy?	A. 4.55 B. 5.0 C. 6.0 D. 3.5
4	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. $\frac{y}{3} - 4$ B. $\frac{y}{3} + 4$ C. $\frac{y}{3} + 4$ D. $\frac{y}{3} - 4$
5	What is 10% of 30% of 40% ?	A. 0.12% B. 0.012% C. 12% D. 1.2%
6	Find the value of x if $3 : b = x : c$.	A. $\frac{3b}{c}$ B. $\frac{c}{3b}$ C. $\frac{2c}{3b}$ D. $\frac{3c}{b}$
7	Ali purchased some goldfish. During the first week, $\frac{1}{5}$ of them died, and during the second week, $\frac{3}{8}$ of those still alive at the end of the first week died. What is the fraction of the original goldfish still alive after two weeks ?	A. $\frac{1}{2}$ B. $\frac{3}{2}$ C. $\frac{5}{2}$ D. $\frac{4}{3}$
8	Question Image <input type="text"/>	A. 33π B. 24π C. 25π D. 11π
9	Munir was born on August 14, 1934 and died on February 28, 1999. What was his age, in years, at the time of his death ?	A. 64 B. 65 C. 66 D. 68
10	Find the greatest number of 4 digits which when divided by 18,24,30 and 36 leaves a remainder 17 in each case.	A. 360 B. 9360 C. 3600 D. 9377
11	Find the arithmetic mean of 25.2, 13.5, 18.5, and 34.8	A. 13 B. 23 C. 27 D. 5
12	A triangle has sides, 5 inches, 12 inches and 13 inches, respectively, A rectangle equal in area to that of the triangle has width of 4 inches. The perimeter of the rectangle, expressed in inches, is:	A. 23 B. 28 C. 60 D. 32
13	A circle whose center is at (3, 4) passes through the origin. Which of the following points is not on the circle ?	A. (-1, 3) B. (-1, 1) C. (0, 0) D. (7, 7)
14	The height of a triangle of base 3 cm and area 9 cm^2 is:	A. 6 cm B. 9 cm C. 18 cm D. 22 cm
15	What fractional part of a week is 98 hours ?	A. $\frac{7}{98}$ B. $\frac{7}{12}$ C. $\frac{1}{20}$ D. $\frac{1}{7}$

16

Question Image

- A. $28 - 2x$
 B. $4(14 - 4x)$
 C. $48 - 3x$
 D. $7(6 - 3x)$

17

Question Image

- A. 325
 B. 225
 C. 125
 D. cannot be exactly determined from the given information

18

The first five multiples of 17 are:

- A. 0, 1, 17, 34, 51
 B. 17, 34, 51, 68, 85
 C. 38, 57, 76, 95, 114
 D. None of these

19

The average of four consecutive even integers is T. The second of these integers can be represented in terms of T as:

- A. $T - 1$
 B. $T + 1$
 C. $T + 2$
 D. $4T - 8$

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.

20

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.

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

Column A

$(2)^N$

Column B

$(-2)^{N+1}$

N is a positive integer