

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

Sr	Questions	Answers Choice
1	How many different 4 person teams can be made from a group of 9 players?	A. 3,024 B. 1,512 C. 378 D. 254 E. 126
2	If it takes 4 days for 3 machines to do a certain job, how many days are required to complete the job by two machines?	A. 6 days B. 2 days C. 5 days D. 3 days
3	What is the probability that a two-digit number selected at random will be a multiple of '3' and not a multiple of '5'?	A. 2/15 B. 4/15 C. 1/15 D. 4/90
4	What is 10% of 30% of 40% ?	A. 0.12% B. 0.012% C. 12% D. 1.2%
5	Excavations on the now uninhabited isle of Kelton reveal a scene typical of towns decimated by volcanic ash. Archaeologists have hypothesized that the destruction was due to volcanic activity known to have occurred in the vicinity of the island in 160 B. C. Q:Which of the following, if true, most strongly supports the archaeologist's' hypothesis?	A. No coins minted after 160 B.C. were found in Kelton, but coins minted before that year were found in abundance B. Pieces of gold and pearl jewelry that are often found in graves dating from years preceding and following 160 B.C. were also found in several graves on the island. C. <div>Most modern histories of the region mention that several major volcanoes eruptions occurred near the island in 160 B.C</div> D. <div>Several small jugs carved in styles popular in the region in the century between 200 B.C. and 100 B.C. were found in Kelton</div>
6	Question Image	A. $\pi < sup > 2 < / sup > (r < sup > 2 < / sup > - R < sup > 2 < / sup >) B. \pi r < sup > 2 < / sup > + 8 + sp; \pi R < sup > 2 < / sup > C. \pi < sup > 2 < / sup > (R + r)(R - r)D. \pi (R + r)(R - r)$
7		A. 2.5
	What percent of 1/2 is 5/4 ?	B. 1.5 C. 250 D. 150
8	What percent of 1/2 is 5/4 ? The area of an equilateral triangle whose altitude is 10, is:	B. 1.5 C. 250
8		B. 1.5 C. 250 D. 150 A. 8√3 B. 2√3 C. 96√3
	The area of an equilateral triangle whose altitude is 10, is: A machine produces 1280 parts in 16 hours. How many parts would it make in a working	B. 1.5 C. 250 D. 150 A. 8√3 B. 2√3 C. 96√3 D. 4√3 A. 2530 B. 3520 C. 2122
9	The area of an equilateral triangle whose altitude is 10, is: A machine produces 1280 parts in 16 hours. How many parts would it make in a working week of 44 hours? Four people are asked to stand in a straight line. In how many different orders can they line	B. 1.5 C. 250 D. 150 A. 8√3 B. 2√3 C. 96√3 D. 4√3 A. 2530 B. 3520 C. 2122 D. 3960 A. 12 B. 16 C. 24

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. A. A B. B 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 value of x * y when x = 1/2 and y = 1/3Column B x * y = 1/x - 1/yDirection: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 B. B 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 Column B (pq = 0)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. B. B C. C Notes:Sometimes,in certain question,information concerning one or both the D. D 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 0/√8 Column B 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.ff the relationship cannot be determined from the information given.

B. B

C. C D. D

Column A

13

14

15

16

The product of the integers

Notes:Sometimes, in certain question, information concerning one or both the

columns represents the same thing in column A as it does in column B.

quantities to be compared is centered above the two columns. A symbol that in both

Column B

The average of the integers

The sum of 5 consecutive integer is 0

17	From 2005 to 2006 the number of male earning PhD increased by s%, and the number of female earning PhD decreased by t%. What is the value of s-t?	A. 225 B. 200 C. 275 D. 250
18	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
19	If $x > y$, then $(x - y)(x + y)$ is:	A. equal to (<i>x</i> - <i>y</i>) (<i>x</i> - <i>y</i>) B. less than (<i>x</i> - <i>y</i>) (<i>x</i> - <i>y</i>) C. greater than (<i>x</i> - <i>y</i>) D. options A and C
20	If $5x > 2$ and $12/2$ $x \le 4$, list all the possible integral values of x ?	A. 2, 3, 4, 5, 6 B. 1, 2, 3, 4, 5, 6, 7, 8 C. 2, 3 D. 1