

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

Sr	Questions	Answers Choice
1	The number which is divisible by 7 but not by 14 is :	A. 21 B. 12 C. 71 D. None of these
2	Question Image	A. 2.6π B. 5.5π C. 7.6π D. 1/2 π
3	If $p^2 - q^2 = 48$ and $p - q = 12$, what is the average of p and q?	A. 4 B. 6 C. 2 D. 12
4	Which of the following is the average of x^4 - 20, 40 - x^4 , and $3x$ + 4?	A. < >x> ⁴ - 24 B. < >x + 8 C. x ⁴ + 3< >x + 24 D. < >x + 24
5	The area of an equilateral triangle whose altitude is 10, is:	A. 8√3 B. 2√3 C. 96√3 D. 4√3
6	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 Z Column B y The average (arithmetic mean) of x and y is greater than the average of x and z	A. A B. B C. C D. D
7	A legislator proposes that communities should therefore be required to adopt filtering systems and to reach the target of filtering 50 percent of all tap water within 5 years. Q:Which of the following, if true, most seriously calls into question the advisability of implementing the proposal?	A. Existing filtering systems programs have been private and voluntary, with citizen participation ranging from 25 percent in some communities to 70 percent in others B. Existing filtering programs have been restricted to the tap water that is ingested by humans C. Existing filtering programs have had recurrent difficulties selling their filtering systems privately usually because the quantities filtered are too smallto be affordable for most families D. some of the materials filtered">div>some of the materials filtered out of the water are materials that can be used for other purposes /div> E. E.

9	3-7 =	A7 B. 7 C4 D. 4
10	If a line passes through the points (x, y) and $(1/x, y)$, then its slope is	A. 1/ <i> yx/i> B. 0 C. 1 - <i>yx/i>²/ <i>xx/i> D. 1</i></i></i>
11	The cube of 1/2 is:	A. 1/4 B. 1/8 C. 1/2 D. 1/16
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 X/y Column B y/x x = 1/3 and y = 1/4	A. A. B. B. C. C. D. D.
13	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 number of primes that are divisible by 2. Column B The number of primes that are divisible by 5.	A. A B. B C. C D. D
14	If C is the circumference of a circle of radius r, then which of the following statement is true ?	A. C/r < 6 B. C/r = 6 C. C/r >6 D. C/r = π
15	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 (-12) ⁿ Column B (-12) ⁿ⁺¹	A. A B. B C. C D. D

		C. 4 <i>x</i> D. 3 <i>x</i>
17	If a circle is inscribed in a square of area 4, then the area of the circle is: What percent of 75 is x?	A. π B. π/2 C. π/4 D. 3π/4 A. 3/4 - <i>x</i> B. 4/3 <i>x</i> >
	2 ⁵⁻¹ Column B 2 ⁵ - 1	
16	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	A. A B. B C. C D. D
	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.	