

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

Sr	Questions	Answers Choice
1	5/8 of 24 is equal to 15/7 of what number ?	A. 15 B. 105 C. 35 D. 7
2	a has to be a whole number such that $0 \leq a \leq 10$. The solution for $a < 4$ and $a \geq 6$ is:	A. 5 B. 7 C. 3 D. no solution
3	<div style="border: 1px solid #ccc; padding: 2px; width: fit-content;">Question Image</div>	A. $4/\pi$ B. $1/1$ C. $2/3$ D. $1/2$
4	<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 average of $2/5$ and $2/7$</p> <p>Column B $24/35$</p>	A. A B. B C. C D. D
5	<div style="border: 1px solid #ccc; padding: 2px; width: fit-content;">Question Image</div>	A. 24 B. 30 C. 35 D. 36
6	How many polythene bags, each holding 8 ounces, are needed to hold 3 quarter of vegetable oil?	A. 8 B. 12 C. 14 D. 16
7	<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 average (arithmetic mean) of the measures of the three angles of an equilateral triangle.</p> <p>Column B The average (arithmetic mean) of the measure of the three angles of a right triangle.</p>	A. A B. B C. C D. D
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- A.If the quantity in column A is greater.
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- A. A
- B. B**
- C. C
- D. D

Column A

13/14 of 15/16

Column B

16/17

	<p>The Burmese ferret badger burrows its home in the ground. Based on the fact that different local populations of Burmese ferret badgers of the same species dig homes of different styles, zoologists have concluded that the badgers building styles are a culturally acquired, rather than a genetically transmitted, trait.</p> <p>Q: Which of the following, if true, would most strengthen the conclusion drawn by the zoologists?</p>	<ul style="list-style-type: none"> A. There are more common characteristics than there are differences among the Burmese ferret badger's styles of the local Burmese ferret badger population that has been studied most extensively B. Young Burmese ferret badgers are inept at digging burrows and apparently spend years watching their elders before becoming accomplished in the local style C. The homes of one species of badger lack the characteristics of the homes of most other species of badger D. Burmese ferret badgers are found only in Burma and India, where local populations of the badgers apparently seldom have contact with one another
10	If $x + 2y = 11$ and $2x + 3y = 17$ then y is?	<ul style="list-style-type: none"> A. 6 B. 5 C. 4 D. 3 E. 0
11	What fractional part of a week is 98 hours ?	<ul style="list-style-type: none"> A. 7/98 B. 7/12 C. 1/20 D. 1/7
12	What is the average of 3^{10} , 3^{20} and 3^{30} ?	<ul style="list-style-type: none"> A. 3^{59} B. $3^9 + 3^{19} + 3^{29}$ C. 3^{57} D. $3^{11} + 3^{21} + 3^{31}$
13	If length of a rectangular field is twice that of its width. What is the perimeter of the field if its area is 1152 m^2 ?	<ul style="list-style-type: none"> A. 256 m B. 144 m C. 24 m D. 96 m
14	If 12 pounds of fudge are placed in boxes that each holds 8 ounces, how many boxes will be filled? (1 pound = 16 ounces)	<ul style="list-style-type: none"> A. 1 1/2 B. 96 C. 6 D. 24
15	<p>Both Gujranwala Jims and Lahore Jims have printed a toll-free number on their exercise products to provide round-the-clock telephone assistance to any customer who encounters difficulties. Since customers only call the numbers when they find the exercise equipment difficult to use, and the Gujranwala Jims line receives three times as many calls as the Lahore Jims' line, Gujranwala Jims' product must be more difficult to use than Lahore Jims.</p> <p>Q: Which of the following, if true, most strengthens the argument above?</p>	<ul style="list-style-type: none"> A. Calls to the Lahore Jims number are almost twice as long, on average, than calls to the Gujranwala Jims' line. B. Lahore Jims has sold four times the number of its exercise product that Gujranwala Jims has C. Lahore Jims receives twice as many letters of complaint about its product as Gujranwala Jims receives about its product D. The number of calls received by each of the two lines has been gradually increasing.
16	If you have 50 green, 50 orange, and 50 yellow jelly beans, how many bags can you fill Halloween each containing 2 green, 3 orange, and 4 yellow jelly beans?	<ul style="list-style-type: none"> A. 12 B. 13 C. 16 D. 17
		<ul style="list-style-type: none"> A. The annual rate of inflation in .lilsan is expected to exceed twelve

17 Companies in the country of Jilsan sell transistor radios in the country of Kabana at a price that is below what it costs Kabanian companies to produce them. To help those Kabanian companies, the Kabanian legislature plans to set a minimum selling price for transistor radios imported into Kabana from Jilsan that is twelve percent greater than the average production costs for companies in Kabana.
Q:Which of the following, if true, most seriously threatens the success of the plan?

mean is expected to exceed twelve percent within the next year
 B. Kabana is not the only country where Jilsan manufacturers currently sell transistor radios
 C. Some Kabanian companies that sell transistor radios have announced that they plan to decrease their price for transistor radios
 D. Emerging companies in countries other than Jilsan will be able to sell transistor radios in Kabana at a price below what it costs Kabanian companies to manufacture them

18 If $a > 0$, $b > 0$ and $a - b < 0$, then ?

A. $a < b$
 B. $a + b < 0$
 C. $a > b$
 D. $b - a < 0$

19 The product of two numbers is 2500. If their L.C.M is 125, then their H.C.F is:

A. 20
 B. 250
 C. 125
 D. None of these

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

Column A

$$(2)^N$$

Column B

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

N is a positive integer