

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

Sr	Questions	Answers Choice
1	<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 $5/\sqrt{6}$ Column B $5\sqrt{2}/\sqrt{12}$</p>	<p>A. A B. B C. C D. D</p>
2	<p>What is the least of three consecutive integers whose sum is 18?</p>	<p>A. 2 B. 3 C. 4 D. 5</p>
3	<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 value of $x * y$ when $x = 1/2$ and $y = 1/3$ Column B -1 $x * y = 1/x - 1/y$</p>	<p>A. A B. B C. C D. D</p>
4	<p>A famous painter has recently won a lawsuit against a major food manufacturer for commissioning a graphic designer to design the packaging of its chocolate chip cookies in the painter's distinctive style. As a result of the lawsuit, manufacturers will stop asking graphic artists to copy distinctive painting styles. Therefore, the cost of package design will rise because employing the services of known artists cost more than those of graphic designer that imitate their style.</p> <p>Q: The conclusion above is based on which of the following assumptions?</p>	<p>A. Most people are unable to distinguish a famous artist's illustration from that of a good graphic artist imitating the painter's style B. Manufacturers will use well-known painting styles in their packaging C. The original version of some well-known paintings are unavailable for use in packaging D. Manufacturers will continue to use graphic artists to imitate the artistic style of famous painters</p>
5	<p>The average of even integers from 2 to 100 inclusive is:</p>	<p>A. 49 B. 52 C. 51 D. 50</p>
6	<p>If three times of a number is 6 more than twice the number, What is the value of the number?</p>	<p>A. 2 B. 4 C. 6 D. 8</p>
		<p>A. C/π</p>

7	If the height of a cylinder is double to its circumference, what is the volume of the cylinder in terms of its circumference, C ?	<p>B. C^3/π</p> <p>C. $C^3/4\pi^2$</p> <p>D. $C^3/2\pi$</p>
8	In an vitro study, 160 white cats were injected with saltx. 160 other white cats were injected with placebo. In two weeks, 39% of the white cats, who were injected with SaltX showed symptoms of Kay fever? Hence, it can be concluded that Kay fever is caused by some elements similar to the elements in SaltX.Q:Which of the following statements would most seriously weaken the above discussion?	<p>A. People suffering from Kay fever are the victims of the golden viper of Sindh</p> <p>B. One among the 160 white cats had already showed symptoms of Kay fever prior to the experiment</p> <p>C. The natural habitats of white cats does not contain any of the elements found in Salt X</p> <p>D. The 160 white cats used in the experiment were kept isolated from each other</p>
9	<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.</p> <p>B.If the quantity in column B is greater.</p> <p>C.If the two quantities are equal.</p> <p>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 $\sqrt{18/7} + \sqrt{18}$</p> <p>Column B 7</p>	<p>A. A</p> <p>B. B</p> <p>C. C</p> <p>D. D</p>
10	If the L.C.M and H.C.F of two numbers are 150 and 30 respectively, and one of the numbers is 18, find the other number ?	<p>A. 250</p> <p>B. 180</p> <p>C. 150</p> <p>D. 170</p>
11	The height of a triangle of base 3 cm and area 9 cm ² is:	<p>A. 6 cm</p> <p>B. 9 cm</p> <p>C. 18 cm</p> <p>D. 22 cm</p>
12	If 35 students took an exam and 13 of failed, what percent of them passed?	<p>A. 20% approx</p> <p>B. 63% approx</p> <p>C. 25% approx</p> <p>D. 22% approx</p>
13	Question Image	<p>A. 30</p> <p>B. 45</p> <p>C. 40</p> <p>D. 35</p>
14	<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.</p> <p>B.If the quantity in column B is greater.</p> <p>C.If the two quantities are equal.</p> <p>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 Value of x when N = 1</p> <p>Column B Value of x when N = 3</p> <p>$(x = 3^N/N)$</p>	<p>A. A</p> <p>B. B</p> <p>C. C</p> <p>D. D</p>
15	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?	<p>A. 225</p> <p>B. 200</p> <p>C. 275</p> <p>D. 250</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.

- 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.

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.

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

Column A

x

Column B

5

$$1/x = 5$$

17

What is the perimeter of $\triangle CEA$, in the figure 1 ?

- A. 16
- B. 25
- C. 17
- D. $2 + 7\sqrt{5} + \sqrt{277}$

18

If $2x + 5y = 18$ and $x = 4$ then what is the value of y ?

- A. 2
- B. 3
- C. 4
- D. 5

19

If 1 is added to the denominator of a fraction, it becomes $(1/2)$ and if 1 is added to the numerator, the fraction becomes 1. The fraction is:

- A. $4/7$
- B. $10/11$
- C. $2/3$
- D. $5/9$

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

The average (arithmetic mean) of 15,215,415

Column B

The average (arithmetic mean) of 0,15,215,413