

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

Sr	Questions	Answers Choice
1	<p>Question Image</p> <hr/> <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>A. 20<sup>o</sup>            B. 70<sup>o</sup>            C. 100<sup>o</sup>            D. 110<sup>o</sup></p>
2	<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><b>Column A</b>            The average (arithmetic mean) of the measures of the three angles of an equilateral triangle.</p> <p><b>Column B</b>            The average (arithmetic mean) of the measure of the three angles of a right triangle.</p>	<p>A. A            B. B            C. C            D. D</p>
3	<p>A local board of education has decided to allow its Urdu teachers more freedom to customize the curriculum for their classes. The teachers can edit out those sections of the curriculum they are not interested in and add material of their own choosing.</p> <p>Q: The widespread use of the option mentioned above is LEAST likely to contribute to fulfilling which of the following educational objectives?</p>	<p>A. Coverage of material relevant to a particular a student specific needs            B. Coverage of basic grammatical structures and the exceptions to these grammatical structures            C. Ensuring that students nationwide engaged in a specific course of study are uniformly exposed to a basic set of readings            D. Making the textbooks used in classes more satisfactory from the individual teacher's point of view</p>
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><b>Column A</b>  <math>x</math></p> <p><b>Column B</b>  <math>(11/13)^5</math></p> <p><math>x^5 = 11/13</math></p>	<p>A. A            B. B            C. C            D. D</p>
5	<p>Jafer drew a square. He then erased it and drew a second square whose sides were 3 times the sides of the first square. By what percent was the area of the square increased ?</p>	<p>A. 300%            B. 800%            C. 400%            D. 200%</p>
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- A. A
- B. B
- C. C
- D. D

**Column A**

$3x - 19 / 3$

**Column B**

$x - 19$

7 Question Image

- A.  $12 \text{ cm}^2$
- B.  $25 \text{ cm}^2$
- C.  $9 \text{ cm}^2$
- D.  $17.23 \text{ cm}^2$

8 If  $a + b > 7$  and  $a - b > 5$ , then which of the following gives all possible values of a and only possible value of a ?

- A.  $a > 6$
- B.  $a < 5$
- C.  $a > 4$
- D.  $a < 7$

9 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.  $C/r = \pi$

10 If the sum of one third of a number and twice the same number is 28, the number is:

- A. 10
- B. 12
- C. 28
- D. 14

11 What is the ratio of the circumference of a circle to its radius ?

- A.  $\pi$
- B.  $\pi/2$
- C.  $2\pi r$
- D.  $2\pi$

12 A and B do a job together in two hours. Working alone A does the job in 5 hours. How long will it take B to do the job alone?

- A. 2 hrs
- B. 3 hrs
- C. 1 hrs
- D.  $3 \frac{1}{3}$  hrs

13 The difference between the first two perfect squares that end with 9 is:

- A. 11
- B. 40
- C. 30
- D. 120

14 The smallest 4-digit number using 7, 0, 8 and 9 is:

- A. 0879
- B. 0789
- C. 0978
- D. 7890

15 The product of 313 with itself is:

- A. 97969
- B. 17.69
- C. 5536.97
- D. 195938

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

**Column A**

The average (arithmetic mean) of x, y, z and 39

**Column B**

40

17 Question Image

- A. 7
- B. 15

..		C. 25 D. 35
18	What percent of 75 is $x$ ?	A. $\frac{3}{4}$ B. $\frac{4}{3}$ C. 4 D. 3
19	Question Image	A. = B. &lt; C. &gt; D. +
20	$3-7 =$	A. -7 B. 7 C. -4 D. 4