

## 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><b>Column A</b> 3/13 of 45  <b>Column B</b> 45/13 of 3</p>	<p>A. A            B. B  <b>C. C</b>            D. D</p>
2	The greatest number which exactly divides 1155 and 735 is:	<p>A. 25            B. 5  <b>C. 15</b>            D. 105</p>
3	The average height of five men is 68 inches. If one man is 70 inches tall and three others have an average of 67 inches, the height of the fifth man, in inches, is	<p>A. 68  <b>B. 69</b>            C. 70            D. 71</p>
4	<p>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.</p> <p>Q: Which of the following, if true, most strongly supports the archaeologist's hypothesis?</p>	<p><b>A. No coins minted after 160 B.C. were found in Kelton, but coins minted before that year were found in abundance</b>            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. Most modern histories of the region mention that several major volcanoes eruptions occurred near the island in 160 B.C.            D. 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</p>
5	How many 1cm square pieces of paper can Rachael cut from a square sheet of paper with a side length of 2.1 m?	<p>A. 22100 cm<sup>2</sup>  <b>B. 44100 cm<sup>2</sup></b>            C. 27100 cm<sup>2</sup>            D. 36100 cm<sup>2</sup></p>
6	The product of 313 with itself is:	<p><b>A. 97969</b>            B. 17.69            C. 5536.97            D. 195938</p>
7	<p>Although most of the lucrative jobs in Pakistan will require a college degree, many of the new jobs require knowledge other than that gained in college or university. For workers in those jobs, good basic skills in reading, communication, and mathematics play an important role in getting a job and developing a career.</p> <p>Q: From the information given above it can be validly concluded that, in today's economy.</p>	<p>A. Employment agencies should conduct communication and mathematics classes            B. All colleges and universities are worthless            C. People should train their children for technical work  <b>D. Skills in reading, communication, and mathematics play an important role in developing a successful career</b></p>
	My neighbor's dogs bark and howl every time their owner lets them outside. My CPA told me that dogs tend to bark and howl when they see birds nesting in the top branches of their	<p>A. The dogs must be abused by their owners</p>

8	<p>that dogs tend to bark and howl when they see birds resting in the top branches of their favorite trees. I personally believe they bark and howl because they enjoy disrupting my meditations.</p> <p>Q:Which of the following conclusions can be properly drawn from the preceding passage?</p>	<p>B. I here are many pedestrians who walk by this neighbor's house, and the dogs are starving for attention</p> <p>C. The dogs frequently see birds in the tops of their favorite trees</p> <p>D. The dogs will bark and howl at 3 a.m. if they are outside at that time</p>
9	If $a + b = 8$ , $b + c = 9$ , and $c + a = 11$ , what is the average of $a$ , $b$ and $c$ ?	<p>A. <math>14/3</math></p> <p>B. <math>28/3</math></p> <p>C. <math>14/6</math></p> <p>D. <math>7/3</math></p>
10	What is 10% of 30% of 40% ?	<p>A. 0.12%</p> <p>B. 0.012%</p> <p>C. 12%</p> <p>D. 1.2%</p>
11	Saima bought two black pencils and three red pencils for Rs.23. After a week, she bought three black pencils and two red pencils for Rs. 16. If price of pencils remained the same for both transactions, how much she paid for one black pencil?	<p>A. 2</p> <p>B. 3</p> <p>C. 4</p> <p>D. 5</p>
12	<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><b>Column A</b></p> <p>x</p> <p><b>Column B</b></p> <p><math>(11/13)^5</math></p> <p><math>x^5 = 11/13</math></p>	<p>A. A</p> <p>B. B</p> <p>C. C</p> <p>D. D</p>
13	If $x = yz$ , which of the following must be equal to $xy$ ?	<p>A. <math>yx</math></p> <p>B. <math>yz^{&gt;2}&lt;/sup&gt;</math></p> <p>C. <math>y^{&gt;2}&lt;/sup&gt;z</math></p> <p>D. <math>x/y</math></p>
14	Question Image	<p>A. 4</p> <p>D. 10</p>
15	Uzma is 15 years old. Asma is one third older than Uzma. How many years ago when Asma was twice as old as Uzma is ?	<p>A. 5</p> <p>B. 12</p> <p>C. 15</p> <p>D. 10</p>
16	If $a + b > 7$ and $a - b > 5$ , then which of the following gives all possible values of $a$ and only possible value of $a$ ?	<p>A. <math>a &gt; 6</math></p> <p>B. <math>a &lt; 5</math></p> <p>C. <math>a &gt; 4</math></p> <p>D. <math>a &lt; 7</math></p>
17	In a school of 820 students, 55% are boys. The number of girls and the number of boys are:	<p>A. 369 boys, 451 girls</p> <p>B. 281 boys, 539 girls</p> <p>C. 539 boys, 281 girls</p> <p>D. 451 boys, 369 girls</p>
18	<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><b>Column A</b></p> <p>P</p>	<p>A. A</p> <p>B. B</p> <p>C. C</p> <p>D. D</p>

**Column B**

0

(pq = 0)

19

Many people do not read the books they purchase. For example, seventeen percent of college students in Pakistan have text books, but only forty-five percent of them read more than once a year, and only seventeen percent read more than once a week.

Q: Which of the following, if true, casts doubt on the claim that most people read the books they purchase?

- A. Regular book readers are most susceptible to eye diseases
- B. Readers often exaggerate about their book reading
- C. Many people buy books to pretend themselves as a scholar
- D. The sale of novels is more than that of other types

20

The average of four consecutive even integers is T. The second of these integers can be represented in terms of T as:

- A.  $T - 1$
- B.  $T + 1$
- C.  $T + 2$
- D.  $4T - 8$