

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

Sr	Questions	Answers Choice
1	How many numbers between 200 and 500 are divisible by 13 ?	A. 23 B. 17 C. 15 D. 32
2	Question Image	A. $45^{o}$ B. $36^{o}$ C. $46^{o}$ D. $35^{o}$
3	In figure 2, what is the area of $\Delta BED$ ?	A. 16 B. 14 C. 12 D. 6
4	When 4 dice are thrown, what is the probability that the same number appears on each of them?	A. $1/36$ B. $1/18$ C. $1/216$ D. $1/5$
5	Question Image	A. = B. < C. > D. +
6	13 Years ago Shabbir mother was 7 times as old as he was. She is now 48 years old. How many years old is Shabbir now ?	A. 28 B. 18 C. 38 D. 20
7	If the sum of two numbers is 36, and the larger is three times as larger as the smaller, what is the larger number ?	A. 27 B. 30 C. 15 D. 18
8	If A(-2, 3) and B(5, -1) are the endpoints of one side of a square ABCD, what is the area of the square ?	A. 20 B. 65 C. 30 D. 35
9	Unreported underground industries get no productivity support from the government. On the other hand, some industries that are run entirely by self-employed industrialists are included in national productivity measures. Q: From the information given above, it can be validly concluded that	A. All self-employed industries are under ground B. Underground industries should be banned because of their low productivity C. there are at least some industries other than those run entirely by self-employed industrialists that are underground industries D. Underground industries should be merged in large industries
10	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
11	A man present age is $x$ years. If his age in 8 years will be $4/5$ of what it will be in 20 years, then his present age is:	A. 45 B. 25 C. 30 D. 40
12	Question Image	A. 20 B. $17 \frac{1}{2}$ C. 35 D. $12 \frac{1}{2}$
13	In inequality $y > 3x - 2$ if $a > b$ , then which of the following statement is true ?	A. $x = 1$ B. $x > 1$ C. $x < 1$ D. $x \geq 1$

14	If $(36)(?)(7) - 21$ then? equals	A. 21/43 B. 1/42 C. 1/12 D. 1/11
15	If the mean (average) of 6 numbers is 4.5. What is the sum of the numbers ?	A. 0.75 B. 10.5 C. 12 D. 27
16	Ayesha completed questions 4 - 18 of a mathematics exercise in 30 minutes. At this rate, how long, in minutes, will it take her to complete questions 27 - 55 ?	A. 59 B. 29 C. 30 D. 58
17	What is the average of $3^{10}$ , $3^{20}$ and $3^{30}$ ?	A. $3^{<sup>59</sup>}$ B. $3^{<sup>9</sup>} + 3^{<sup>19</sup>} + 3^{<sup>29</sup>}$ C. $3^{<sup>57</sup>}$ D. $3^{<sup>11</sup>} + 3^{<sup>21</sup>} + 3^{<sup>31</sup>}$

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.

18	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
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**Column A**

The average of  $2/5$  and  $2/7$

**Column B**

$2/35$

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.
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**Column A**

$y/x$

**Column B**

$x/y - 1$

$$x = 2y$$

20	If the ratio of $a : b$ is $9 : 7$ then $a + b$ is:	A. 14 B. 16 C. 63 D. not possible
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