

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

Sr	Questions	Answers Choice
1	A German class has 12 boys and 18 girls. What is the fraction of the class boys ?	A. 1/6 B. 3/5 C. 2/3 D. 4/15
2	Fatima and Maryium each roll a sheet of 9×18 paper to form a cylinder. Fatima tapes the two 9-inch edge together and Maryium tapes the two 18-inch edge together. Refer to this question and tell which of the following statement is true ?	A. The volume of Fatima cylinder is greater than Maryium cylinder B. The volume of Fatima cylinder is less than Maryium cylinder C. The volume of Fatima cylinder is equal to the Maryium cylinder D. Both cylinders have the same circumference
3	Reporter: H & B Co. has misled its clients by promoting some Egyptian porcelain figurines as rare; in fact those pieces are relatively commonplace H & B Representative: That is absurd! H & B is the largest antique dealer in the country. We authenticate the figurines we sell through a nationally recognized firm. Q:The H & B Representative's reply is most vulnerable to the criticism that it .	A. exaggerates the H & B Representative's claims in order to make them appear absurd B. accuses the H & B Representative of bias but presents no evidence to support that accusation C. fails to establish that other antique dealers do not also authenticate the figurines those dealers sell D. lists strengths of H & B while failing to address the representative's charge
4	The number p is 4 more than 3 times the number r. The sum of p and r is 10.Which of the following pairs of equations could be used to find the values of p and r?	A. $p = 3r + 4$ and $p + r = 10$ B. $p = 3r + 4$ and $pr = 10$ C. $p = 3(r + 4)$ and $p + r = 10$ D. $p + 4 = 3r$ and $p + r = 10$
5	If p is a positive number, 400% of p is what percent of 400 p ?	A. 4 B. 25 C. 40 D. 1
6	<div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> Question Image	A. 12 cm^2 B. 25 cm^2 C. 9 cm^2 D. 17.23 cm^2
7	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
8	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
9	3-7 =	A. -7 B. 7 C. -4 D. 4
10	If $20x + 20y = 70$, what is the average of x and y ?	A. 7/2 B. 7 C. 7/4 D. 4/7

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.

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

11

Notes: Sometimes, in certain questions, 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.

Column A

The number of primes between 40 and 50.

Column B

The number of primes between 60 and 70

12

Question Image

- A. $81 + 81\sqrt{3}$
- B. $18 + 18\sqrt{3}$
- C. $12(1 + 2\sqrt{3})$
- D. $12 + 12\sqrt{3}$

13

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

- A. 68
- B. 69
- C. 70
- D. 71

14

How many different 4 person teams can be made from a group of 9 players?

- A. 3,024
- B. 1,512
- C. 378
- D. 254
- E. 126

15

A and B can do a job in 6 days. If A do the job alone he takes 10 days. What will be the time required by B to complete the job alone?

- A. 8
- B. 6
- C. 15
- D. 3

16

What is 10% of 30% of 40% ?

- A. 0.12%
- B. 0.012%
- C. 12%
- D. 1.2%

17

Question Image

- A. $\pi^2(r^2 - R^2)$
- B. $\pi r^2 + \pi R^2$
- C. $\pi^2(R + r)(R - r)$
- D. $\pi(R + r)(R - r)$

18

The average of five numbers is 54. If three of the numbers are 26, 28 and 30, what is the average of the other two ?

- A. 91
- B. 93
- C. 54
- D. 186

19

If apples cost 3 for 37 cents, find the cost of 1 3/4 dozen apples.

- A. 111 cents
- B. 159 cents
- C. 259 cents
- D. 211 cents

20

Question Image

- A. I only
- B. II only
- C. IV only
- D. I, II, IV