

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

Sr	Questions	Answers Choice
1	If $P^2 + 5 = 22$, then $P^2 - 5 =$	<p>A. 12 B. 17 C. 39 D. 144</p>
2	<p>The CEO of a large multinational firm wants to maxim., revenues and increase sales. The production director, however, believes that increased production would only drive down the product would only drive down the product price and lower revenues. Q: Which of the following represents the logical flaw in director's reasoning?</p>	<p>A. The director assumes the plant at the firm is old fashioned B. He assumes that production goals are similar to financial goals C. He assumes that the supply produced by a single company can significantly after the aggregate supply for the market D. He assumes that they are market leader with a share of more than ninety percent of the aggregate sales</p>
3	If it takes 4 days for 3 machines to do a certain job, how many days are required to complete the job by two machines?	<p>A. 6 days B. 2 days C. 5 days D. 3 days</p>
4	If the average of 3,5, 10 and S is 6, what is the value of S ?	<p>A. 4 B. 6 C. 12 D. 0</p>
5	<div style="border: 1px solid black; width: 100%; height: 20px; display: flex; align-items: center; justify-content: center;"> Question Image </div>	<p>A. 54 cm^2 B. 24 cm^2 C. 96 cm^2 D. 59 cm^2</p>
6	If Myra had bowling scores of $b + 6$, $b - 2$, $b + 4$, and $b - 5$, what must she score in the next game to get an overall average of $b + 2$?	<p>A. $b + 7$ B. $b - 3$ C. $b + 3$ D. $b - 7$</p>
7	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 B. 180 C. 150 D. 170</p>
8	<p>Stock analyst: "We believe Company A's stock will appreciate at 35% a year for the next 5 to 7 years. Company A just became the leader in its industry and we expect its sales to grow at 8% a year." Commentator: "But how can the stock's price be expected to grow more quickly than the company's underlying sales?" Q: Which of the following, if true, would best support the stock analyst's prediction?</p>	<p>A. The company's expenses will be declining over the next 5 to 10 years B. The company just won a patent on a new product C. The 5 to 7 year time frame is too long for anyone to accurately forecast D. Company A's industry peer group is expected to experience stock appreciation rates of 30% over the same time horizon</p>
9	The total number of even prime numbers is:	<p>A. 0 B. 1 C. 2 D. None of these</p>
10	If the radius of the circle is decreased by 20%, what happens the area ?	<p>A. 10% in crease B. 20% decrease C. 80% increase D. 36% decrease</p>
11	For how many integer values of g is $6 < 3g < 12$?	<p>A. Four B. Three C. Two D. One</p>
12	What is the average of x, y and z ? If $x + y = 5$, $y + z = 8$ and $x + z = 11$.	<p>A. $11/3$ B. $1/2$ C. $13/5$ D. 4</p>
		<p>A. 1 - -</p>

- 13 The solution of the inequality $-1 < 5x - 6 \leq 4$ in whole number is
- B. 2
C. 4
D. 5

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.

- 14 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

$$(-12)^n$$

Column B

$$(-12)^{n+1}$$

(n is a positive integer)

- 15 What is the area of a circle whose radius is the diagonal of square whose area is 9?
- A. $\sqrt{3}\pi$
B. 12π
C. 4π
D. 13π

- 16 Ayesha and Bisma together have \$20. Bisma and Adnan together have \$16. Ayesha and Adnan together have \$24. What is the smallest number of dollars that any girl has alone?
- A. 4
B. 6
C. 10
D. 24

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

Column A

$$3\sqrt{5} - \sqrt{125} + \sqrt{20}$$

Column B

$$0$$

- 18 Green paint is obtained from blue and yellow paint in the ratio 3 : 5. How much of each colour is needed to make 40 litres of this green paint ?
- A. Blue paint 15 litres, yellow paint : 25 litres
B. Blue paint: 25 litres, yellow paint: 15 litres
C. Blue paint: 10 litres, yellow paint: 30 litres
D. Blue paint: 13 litres, yellow paint: 27 litres

- 19 If $x - 5 = 9$, what is the value of $x^2 - 5$?
- A. 196
B. 191
C. 16
D. 11

- 20 How many odd numbers of three digits each can be formed from the digits 2, 4, 6, and 7 if repetition of digits is permitted?
- A. 6
B. 27
C. 24
D. 16