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

Sr	Questions	Answers Choice
1	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. 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. Column A $(-12)^n$ Column B $(-12)^{n+1}$ (n is a positive integer)	A. A B. B C. C D. D
2	The area of the sector which contains an angle of 60° of circle of radius 7 cm, is:	A. 25 2/3 cm^2 B. 27 2/3 cm^2 C. 41 cm^2 D. √3 5/28 cm^2
3	Question Image	A. 2 B. 4 C. $2\sqrt2$ D. $4\sqrt2$
4	5/8 of 24 is equal to 15/7 of what number ?	A. 15 B. 105 C. 35 D. 7
5	Question Image	A. 125 sq.cm B. 150.72 sq.cm C. 64 sq.cm D. 56 sq.cm
6	How many integers between 28 and 98 are exactly divisible by 7?	A. 9 B. 11 C. 12 D. 8
7	What is the perimeter of parallelogram ABCD ?	A. 14 + √17 B. 16 + √7 C. 2 + √17 D. 2(7 + √17)
8	Yesterday Sagher earned Rs. 100 less than Bilal, and today Sagher earned Rs.75 more than Bilal. Which of the following must be true about Sagher's total earnings for the two days compared to Bilal's?	A. Sagher earned 3/4 of what Bilal earned B. Sagher earned $17.50 more than Bilal C. Sagher earned $2.50 more than Bilal D. Sagher earned $25 less than Bilal
9	Question Image	A. 144 B. 169 C. 100 D. 64
10	If $1/x + 1/y = 1/z$ and $xy = z$, what is the average of x and y ?	A. 1/2 B. 1 C. $x + y + z/3$ D. $x + y + z/2$
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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.
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Column A
4x/3
Column B
Y

x/y = 3/4

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

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12 a has to be a whole number such that $0 \le a \le 10$. The solution for $a < 4$ and $a \ge 6$ is:

A. 5
B. 7
C. 3
D. no solution

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13 The product of $\sqrt{24a}$ and $\sqrt{6a}$ is:

A. 12a
B. $6a^2$
C. $12a^2$
D. $3a\sqrt{8}$

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Column A
27÷9 x 3
Column B
7

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

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15 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?

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

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16 If a < c and a < b, assume a ≥ 0 then which of the following statements are always true ?
i. b < c
ii. a < bc
iii. 2a < b + c

A. only 1
B. only 2
C. only 3
D. 1 and 2

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

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

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18 The solution of the inequality $-1 < 5x - 6 \le 4$ in whole number is

A. 1
B. 2
C. 4
D. 5

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19 If x is a positive number, then 50 percent 10x equals

A. 2x
B. 4x
C. 20x
D. 5 x

A. Blue paint 15 litres, yellow paint :

20	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 ?	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