

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

Sr	Questions	Answers Choice
1	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 B. 3 C. 4 D. 5</p>
2	The cost of the planting sugarcane at the rate of 6 paisa per square meter is Rs. 5840.64. What is the length of side of this square field:	<p>A. 312 m B. 622 m C. 97344 m D. 459 m</p>
3	The average height of a class of 14 boys is 5.3 feet. A new boy is admitted to the class. The new average of height now becomes 5.25. What is the height of the new boy?	<p>A. 4.55 B. 5.0 C. 6.0 D. 3.5</p>
4	The surface area of sphere of radius $3\frac{1}{2}$ cm is:	<p>A. 130 sq.cm B. 69 sq.com C. 154 sq.cm D. 98 sq.cm</p>
5	If a jet travels 1280 km in 2 hours, how far will it travel in $5\frac{1}{2}$ hours, at the same speed ?	<p>A. 2100 B. 3300 C. 2700 D. 3520</p>
6	A rectangular field which is 10 times as long as its breadth has an area of 75690 sq m. What is its perimeter ?	<p>A. 275 m B. 2750 m C. 1914 m D. 191 m</p>
7	A car that gets 15 miles per gallon of gasoline can travel 250 miles on a full tank. If the same car got 20 miles per gallon, how many miles could it travel on a full tank?	<p>A. 300 B. 750 C. $250\frac{3}{4}$ D. $333\frac{1}{3}$</p>
8	<div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> <p>Question Image</p>	<p>A. Volume of the cube is less than the volume of the box B. Volume of the cube is greater than the volume of box C. Volume of the cube is equal to the volume of box D. The surface area of both cube and box are equal</p>
<p>Direction:In the following type of question,each consists of two quantities,one in column Aand one in column B.You must compare two quantities and on the answer sheet fill in.</p> <p>A.If the quantity in column Ais 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>		
9	<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 Aas it does in column B.</p> <p>Column A g^2</p> <p>Column B 3^4 $(8^{2a} = 4^{3b})$</p>	<p>A. A B. B C. C D. D</p>
10	If apples cost 3 for 37 cents, find the cost of $1\frac{3}{4}$ dozen apples.	<p>A. 111 cents B. 159 cents C. 259 cents D. 211 cents</p>
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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.
- D.If the relationship cannot be determined from the information given.

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

Column A

pq

Column B

1

$(p + q = 1)$

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

Column A

Ab

Column B

a/b

$a = -2/3$ and $b = 3/5$

13

- A. 2
- B. 4
- C. $2\sqrt{2}$
- D. $4\sqrt{2}$

14 Three business partners shares have profit of Rs. 24000 in the ratio 5 : 4 : 3. What is the amount of the least share ?

- A. 6000
- B. 8000
- C. 10,000
- D. 1200

15 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

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

Column A

z

Column B

y

The average (arithmetic mean) of x and y is greater than the average of x and z .

17

- A. 20
- B. 40
- C. 60
- D. 30

- 18 The least number which when divided by 12, 15 and 18 leaves 5 as remainder in each case is:
- A. 180
B. 175
C. 185
D. 125

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

Column A

x

Column B

5

$$1/x = 5$$

-
- 20 What is the area of the parallelogram ABCD ?
- A. 24
B. 21
C. 29
D. 28
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