

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

Sr	Questions	Answers Choice
1	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. $p = 3r + 4 < div>p + r = 10 < /div>$ B. $p = 3r + 4 < div>pr = 10 < /div>$ C. $p = 3(r + 4) < div>p + r = 10 < /div>$ D. $p + 4 - 3r < div>p + r = 10 < /div>$
2	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 p + .5 Column B 2p/4 + 1	A. A B. B C. C D. D
3	A candy recipe calls for 5 parts milk, 4 parts cocoa, 4 parts syrup, 2 parts sugar, and 1 part 1 butter. If you use 8 ounces of milk, how many ounces of candy mixture can you make?	A. 25 3/5 B. 5 3/5 C. 20 D. 128
4	How many polythene bags, each holding 8 ounces, are needed to hold 3 quarter of vegetable oil?	A. 8 B. 12 C. 14 D. 16
5	If it takes 10 minutes to walk 3/7 mile, how many minutes will it take to walk the rest of the mile?	A. 2 1/3 B. 13 1/3 C. 4 2/7 D. 30
6	Question Image	A. 54 cm ² B. 24 cm ² C. 96 cm ² D. 59 cm ²
7	The product of two numbers is 2500. If their L.C.M is 125, then their H.C.F is:	A. 20 B. 250 C. 125 D. None of these
8	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?	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
	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

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D. D

Column A 3/13 of 45 **Column B** 45/13 of 3

10	Mohin is now three times Mohsin age. Four years from now Mohin will be y years old. In terms of y, how old will Mohsin be ?	A. <i>x</i> - 4/3 B. <i>x</i> + 4/3 C. <i>x</i> + 4 D. <i>x</i> - 4
11	As any economist knows, healthy people pose less of an economic burden to society than unhealthy people. Not ,surprisingly, then, every rupee our government spends prenatal care for undocumented immigrants will save taxpayers of this country three rupees. Q:Which of the following, if true, would best explain why the statistics cited above are not surprising?	A. The taxpayers pay for prenatal care of all immigrants B. Pregnant women who do not receive prenatal care are more likely to experience health problems than other pregnant women C. Benefits for prenatal care serve to promote undocumented immigration D. Babies whose mothers did not receive prenatal care are just as healthy as other babies
12	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
13	If $a = -5$ and $b = 3$ then $-a^2 b^3$ is:	A. less than 0 B. equal to 0 C. greater than 0 D. options B and C
14	Question Image	A. 12 cm ² B. 25 cm ² C. 9 cm ²
		D. 17.23 cm ²
15	A machine produces 1280 parts in 16 hours. How many parts would it make in a working week of 44 hours?	A. 2530 B. 3520 C. 2122 D. 3960
	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
16	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	
	a Column B	
	b	
	(000 - 40h)	

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A. A

B. B C. C

D. D

17

(82a = 43b)

	b Column B 0	
	The average (arithmetic mean) of a,b 22 and 38 is 15,and a > 0	
18	What is the least of three consecutive integers whose sum is 18?	A. 2 B. 3 C. 4 D. 5
19	A bag has 7 marbles, one of each of colours, green, blue, brown, yellow, red, white and pink. If 6 marbles are removed from the bag, what is the probability that the red one was removed ?	A. 1/7 B. 4/3 C. 2/7 D. 6/7
20	If the radius of the circle is decreased by 20%, what happens the area?	A. 10% in crease B. 20% decrease C. 80% increase D. 36% decrease