

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

Sr	Questions	Answers Choice
1	Reporter: H & B Co. has misled its clients by promoting some Egyptian porcelain figurines as rare; in fact those pieces are relatively commonplaceH & 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 & Deprise Amp; B Representative's claims in order to make them appear absurd B. accuses the H & Deprise Amp; 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 & Deprise Amp; B while failing to address the representative's charge
2	The length of a rectangle is 3 more than the side of a square, and the width of the rectangle is 3 less than the side of the square. If the area of the square is 58, what is the area of the rectangle?	A. 40 B. 20 C. 39 D. 49
3	Uzma is 15 years old. Asma is one third older then Uzma. How many years ago when Asma was twice as old as Uzma is ?	A. 5 B. 12 C. 15 D. 10
4	Question Image	A. 24 B. 30 C. 35 D. 36
5	The least number which when divided by 35, leaves remainder of 25; when divided by 45 leaves a remainder of 35 and when divided by 55 leaves 45 as remainder, is:	A. 3455 B. 3465 C. 3475 D. 10
6	Question Image	A. 7 B. 15 C. 25 D. 35
7	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
8	If 6 - a > 7, then	A. a > 1 B. a > -1 C. a < -1 D. a < 1
9	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
10	Researchers have found an inactive virus in dry bread. In previous experiments, researchers found that inactivated viruses could convert healthy cells into cancer cells. It can be concluded that the use of dry bread can cause cancer.  Q:Which one of the following, if true, most seriously weakens the argument?	A. The results of many studies about the same topic were consistent B. Many other ingredients of dry bread can neutralize the effect of inactive virus C. Many of cancer patients confirmed the use of dry bread D. Ten percent of rural population use dry bread
11	Shockwave lithotripsy can be used to remove painful kidney stones. In contrast to surgery - the invasive procedure customarily used, extracorpreal shockwave lithotripsy poses little risk to patients. Thus, to guarantee patient safety in the attempt treat kidney stones, extracorpreal shockwave lithotripsy should replace kidney stone surgery in all cases. Q:Which of the following, if true, would most support the recommendation above?	A. Kidney surgery can be used to treat other ailments of the kidneys other than kidney stones.  B. Extracorpreal shockwave lithotripsy was designed primarily in order to diagnose kidney stones.  C. Kidney surgery can reveal more information about the cause of a stone than an extracorpreal shockwave lithotripsy can.  D. An extracorpreal shockwave

		introtripsy is just as likely as kidney surgery to successfully remove a kidney stone
12	A poster in an eye clinic advises people, who have received eye drops X that blur vision, refrain from driving until they can do so safely. In a Gov't initiated hospital study, however, subjects questioned immediately after they received such drops and underestimated the time necessary to regain their driving ability. This result indicates that many people with eye drops X will be unlikely to follow the advice.  Q:Which of the following, if true, most strongly supports the argument above?	A. Many people, if they know they will receive eye drops X, make arrangements beforehand for a friend or relative to drive them home B. The subjects in the hospital study generally rated their abilities more conservatively than they would if they were outside the framework of a scientific experiment C. Some people ask their doctors not to give them eye drops X that blur vision if they will have to drive to get home afterward D. The subjects in the study were also questioned about the time necessary to regain abilities that do not play an important role in driving safely
13	At last month's symposium on the increasing air pollution affecting the Beaumont forest, most participating members favored uniform controls on the quality of exhaust fumes, whether or not specific environmental damage could be attributed to a particular source of fumes. What must, of course, be shown, in order to avoid excessively restrictive controls, is that Q:Which of the following, best completes the passage below?	A. Any uniform controls that are adopted are likely to be implemented without delay B. Environmental damage already inflicted on the Beaumont forest is reversible C. The members favoring uniform controls are those representing bodies that generate the largest quantities of exhaust fumes D. Any substance to be made subject to controls can actually cause environmental damage
		Α. 2.6π
14	Question Image	B. 5.5π C. 7.6π D. 1/2 π
15	Question Image	
16	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 The average (arithmetic mean) of -3,1,and 3 Column B The average (arithmetic mean) of -3,2, and 3	A. A B. B C. C D. D
17	If the radius of a circle is increased by 20% then the area is increased by:	A. 14% B. 120% C. 144% D. 40%
		A. 70 <sup>o</sup>
18	Question Image	B. 60 <sup>o</sup> C. 75 <sup>o</sup> D. 65 <sup>o</sup>
	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.	
19	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	A. A B. B

quantition to be compared to contend above the tire columns to jimber that in beth columns represents the same thing in column A as it does in column B. D. D Column A Column B The average (arithmetic mean) of a,b 22 and 38 is 15,and 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 Notes:Sometimes,in certain question,information concerning one or both the 20 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  $x^4 x^5$ Column B  $(x^3)^2$ (x>0)