

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

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Sr	Questions	Answers Choice
1	The tanneries claim that chemical waste dumps pose no threat to people living near them. If this is true, then why do they locate the plants in sparsely populated regions? By not locating the chemical dumps in densely populated areas the tanneries tacitly admits that these chemicals are potentially dangerous to the people living nearby. Q:Which of the following, if true, would most weaken the author's argument?	A. Funding through the environmental Super Fund to clean up poorly run waste dumps is reserved for rural areas only B. Until chemical dumps are proven 100% safe, it would be imprudent to locate them were they could potentially do the most harm. C. Locating the dumps in sparsely populated areas is less expensive and involves less government red tape D. The potential for chemicals to leach into the water table has in the past been underestimated E. People in cities are more likely to site the industry if their health is harmed by the drumps
2	The cube of 1/2 is:	A. 1/4 B. 1/8 C. 1/2 D. 1/16
3	If a > 0, b > 0 and a - b < 0, then ?	A. a < b B. a + b <0 C. a > b D. b - a < 0
4	3/4 of 28 is equal to 30/7 of what number ?	A. 90 B. 45 C. 30 D. 56
5	A chemical solution contains 8% of acid. If there is 15 ml of acid, what is the volume of the solution ?	A. 125.5 ml B. 187.5 ml C. 225.5 ml D. 171.5 ml
6	If $1/x + 1/y = 1/z$ and $xy = z$, what is the average of x and y?	A. 1/2 B. 1 C. <i>x</i> + <i>y</i> + <i>z</i> /3 D. <i>x</i> + <i>y</i> + <i>z</i> /2
7	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
8	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
9	What is the value of x^2 + 14 x + 24, when x =854 ?	A. 1000 B. 100,000 C. 741,296

		D. 142,000
10	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
11	Rizwana has never received a violation ticket from the traffic police during her 10-year driving experience. Rizwana must be a great driver. Q:Which of the following can be said about the reasoning above?	A. Rizwana is a slow driver B. Rizwana's brother is in Pakistan naval forces at a high rank, so police do not issue ticket to her C. Rizwana has high tech car D. More information is required to give the argument
12	There are 28 players in a college cricket team. What is the probability that at least 3 of them have their birthday in the same month?	A. 0 B. 1/5 C. 1 D. 1/2
13	If P is a negative integer and p^2 + 11p =t, a value of t could be	A. 12 B. 18 C18 D. 11
14	Question Image	A. 2.6π B. 5.5π C. 7.6π D. 1/2 π
15	Both Gujranwala Jims and Lahore Jims have printed a toll-free number on their exercise products to provide round-the-clock telephone assistance to any customer who encounters difficulties. Since customers only call the numbers when they find the exercise equipment difficult to use, and the Gujranwala Jims line receives three times as many calls as the Lahore Jims' line, Gujranwala Jims' product must be more difficult to use than Lahore Jims. Q:Which of the following, if true, most strengthens the argument above?	A. Calls to the Lahore Jims number are almost twice as long, on average, than calls to the Gujranwala Jims'line. B. Lahore Jims has sold four times the number of its exercise product that Gujranwala Jimshas C. Lahore Jims receives twice as many letters of complaint about its product as Gujranwala Jimsreceives about its product D. The number of calls received by each of the two lines has been gradually increasing.
16	What is the area of the triangle AEC, in the above figure 1?	A. 12 B. 49 C. 14 D. 21
17	The average of the first 35 positive integers is:	A. 13 B. 17 C. 18 D. 19
18	Between 1990 and 1998, boarding in Muslim Degree College averaged 79 percent of capacity, while admission rates remained constant, at an average of 9 admissions per 100 rooms per year. Between 1998 and 2002, however, boarding rates increased to an average of 85 percent of capacity, while admission rates declined to 8 per 100 rooms per year.Q:Which of the following conclusions can be most properly drawn from the info given above?	A. The average stay for Muslim degree College residents rose between 1998 and 2002 B. The proportion of young student staying in the college hostel was greater in 2002 than in 1990 C. College admission rates tend to decline whenever boarding rates rise D. College built prior to 1998 generally had fewer rooms than did college built between 1998 and 2002
19	Opponents of laws that require motorcycle riders to wear helmets argue that in a free society people have the rights to take risks as long as the people do not harm others as a result of taking the risks. As a result, they conclude that it should be each person's decision whether or not to wear a helmet. Q:Which of the following, if true, seriously weakens the conclusion drawn above?	A. Many new motorcycles are built with safety features that made them less likely to be involved in an accident B. Motorcycle insurance rates for all motorcycle owners are higher because of the need to pay for the increased injuries or deaths of people not wearing helmets C. Participants in certain extreme sports are required to wear helmets D. The rate of automobile fatalities in states that do not have mandatory helmet laws is greater than the rate of fatalities in states that do have such laws
	A poster in an eye clinic advises people, who have received eye drops X that blur vision,	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

D. 742,398

retrain from ariving until they can do so safely. In a Gov t initiated nospital study, nowever, 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?

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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