

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

Sr	Questions	Answers Choice
1	<p>A small furniture store uses a software program called Blaze to do its basic bookkeeping. There is good reason to believe that the accounting it provides is inaccurate. Several times when the accounts were carefully calculated by a bookkeeper using an adding machine, the resulting total differed from the total the computer gave.</p> <p>Q:The furniture store manager's reasoning relies on which of the following assumptions?</p>	<p>A. The criteria that the computer uses in determining what items are included in the accounting of a particular month differ from the criteria the bookkeeper uses</p> <p>B. The inaccuracy of the computer's accounting does not result from a malfunction of the computer itself</p> <p>C. It would be possible to modify the computer so that it calculated the store's accounts more accurately.</p> <p>D. A careful calculation by the bookkeeper using an adding machine is unlikely to be less accurate than the computer's accounting</p>
2	<p>A legislator proposes that communities should therefore be required to adopt filtering systems and to reach the target of filtering 50 percent of all tap water within 5 years.</p> <p>Q:Which of the following, if true, most seriously calls into question the advisability of implementing the proposal?</p>	<p>A. Existing filtering systems programs have been private and voluntary, with citizen participation ranging from 25 percent in some communities to 70 percent in others</p> <p>B. Existing filtering programs have been restricted to the tap water that is ingested by humans</p> <p>C. Existing filtering programs have had recurrent difficulties selling their filtering systems privately usually because the quantities filtered are too small to be affordable for most families</p> <p>D. Some of the materials filtered out of the water are materials that can be used for other purposes</p> <p>E.</p>
3	<p>Most citizens are very conscientious about observing a law when they can see the reason behind it. For instance, there has been very little need to actively enforce the recently-implemented law that increased the penalty for motorists caught leaving a gas station without paying for gas they had pumped into their vehicles. This is because citizens are very concerned about the high cost of gasoline and they know that stealing gas will only further increase the price of gasoline for everyone.</p> <p>Q:With which of the following statements would the author of this passage be most likely to agree?</p>	<p>A. The increased penalty alone is a significant motivation for most citizens to obey the law.</p> <p>B. There are still too many inconsiderate citizens in the local community</p> <p>C. High gasoline prices can be brought down if everyone does his or her part and pays for the gasoline they use at the pumps</p> <p>D. Society should make an effort to teach citizens the reasons for its laws</p>
4	<p>My neighbor's dogs bark and howl every time their owner lets them outside. My CPA told me that dogs tend to bark and howl when they see birds resting in the top branches of their favorite trees. I personally believe they bark and howl because they enjoy disrupting my meditations.</p> <p>Q:Which of the following conclusions can be properly drawn from the preceding passage?</p>	<p>A. The dogs must be abused by their owners</p> <p>B. There are many pedestrians who walk by this neighbor's house, and the dogs are starving for attention</p> <p>C. The dogs frequently see birds in the tops of their favorite trees</p> <p>D. The dogs will bark and howl at 3 a.m. if they are outside at that time</p>
5	<p>Acme brand aspirin claims to be the best headache relief available on the market today. To prove this claim, Acme called 10 people and asked them their thoughts on headache relief products. All 10 of them stated that they unequivocally use Acme brand aspirin on a regular basis and that they believe it to be the best headache relief available on the market today.</p> <p>Q:Which of the following would most weaken this argument?</p>	<p>A. Acme brand aspirin is highly addictive</p> <p>B. The 10 people called were spouses of Acme employees</p> <p>C. Most people choose to suffer silently through their headaches and take no medicines whatsoever</p> <p>D. The 10 people called own stock in a competing company</p>
	<p>Stock analyst: "We believe Company A's stock will appreciate at 35% a year for the next 5 to</p>	<p>A. The company's expenses will be declining over the next 5 to 10 years</p> <p>B. The company just won a patent on</p>

6	<p>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?"</p> <p>Q:Which of the following, if true, would best support the stock analyst's prediction?</p>	<p>a new product</p> <p>C. The 5 to 7 year time frame is too long for anyone to accurately forecast</p> <p>D. Company A's industry peer group is expected to experience stock appreciation rates of 30% over the same time horizon</p>
7	<p>A recent survey in country X found that more VCRs than videotapes were purchased by its citizens last year. The best interpretation of this finding is that the practice of illegally duplicating commercial videotapes is widespread.</p> <p>Q:Which of the following, if true, would cast doubt on the conclusion above:</p>	<p>A. Very few VCR owners in country X have their own videotapes</p> <p>B. There are few free noncommercial videotapes available in country X</p> <p>C. The government of country X regularly copies and distributes material it considers to be classic content videotape free of charge, and to which the country owns copying and distribution rights</p> <p>D. The typical country X VCR does not purchase commercial videotapes in other countries</p>
8	<p>A local board of education has decided to allow its Urdu teachers more freedom to customize the curriculum for their classes. The teachers can edit out those sections of the curriculum they are not interested in and add material of their own choosing.</p> <p>Q:The widespread use of the option mentioned above is LEAST likely to contribute to fulfilling which of the following educational objectives?</p>	<p>A. Coverage of material relevant to a particular student specific needs</p> <p>B. Coverage of basic grammatical structures and the exceptions to these grammatical structures</p> <p>C. Ensuring that students nationwide engaged in a specific course of study are uniformly exposed to a basic set of readings</p> <p>D. Making the textbooks used in classes more satisfactory from the individual teacher's point of view</p>
9	<p>Companies in the country of Jilsan sell transistor radios in the country of Kabana at a price that is below what it costs Kabanian companies to produce them. To help those Kabanian companies, the Kabanian legislature plans to set a minimum selling price for transistor radios imported into Kabana from Jilsan that is twelve percent greater than the average production costs for companies in Kabana.</p> <p>Q:Which of the following, if true, most seriously threatens the success of the plan?</p>	<p>A. The annual rate of inflation in Jilsan is expected to exceed twelve percent within the next year</p> <p>B. Kabana is not the only country where Jilsan manufacturers currently sell transistor radios</p> <p>C. Some Kabanian companies that sell transistor radios have announced that they plan to decrease their price for transistor radios</p> <p>D. Emerging companies in countries other than Jilsan will be able to sell transistor radios in Kabana at a price below what it costs Kabanian companies to manufacture them</p>
10	<p>Bus Company President: A city councilman has stated his objection to the claim that the city buses are dangerous. This is clearly untrue. None of the new buses in use has ever crashed or even had a serious malfunction. City councilman: The problem with the new buses is not that they malfunction, but that they are so flamboyantly painted that other drivers on the road are distracted and this may cause accidents.</p> <p>Q:The councilman responds to the bus company president by doing which of the following?</p>	<p>A. Characterizing the bus company president's assertion as stemming from subjective interest rather than from objective evaluation of the facts</p> <p>B. Drawing attention to the fact that the bus company president's interpretation of the word "dangerous" is too narrow</p> <p>C. Invoking evidence that the bus company president has explicitly dismissed as irrelevant the point at issue</p> <p>D. Citing statistical evidence that refutes the bus company president's claim</p>
11	<p>Certain upgrades need to be made on each of the computers owned by Sami Publishers. The work of upgrading their 20 computers is mentally taxing. Employees are using the computers during the day, making it difficult for the computer technician to coordinate the block of time needed to work on each computer. Therefore, the most efficient time to upgrade the computers is between ten o'clock p.m. and eight o'clock a.m. when the computers are free.</p> <p>Q:Which of the following, if true, argues most strongly against the view that upgrades could be done more efficiently by scheduling them at night?</p>	<p>A. Energy costs in businesses are greatly lower at night than they are during the day</p> <p>B. More blackouts occur between midnight and eight o'clock in the morning than at any other time</p> <p>C. Over the course of a year, the company's computers will require periodical checks and upkeep</p> <p>D. Mental alertness is lower in the late night than during the day, especially in people not accustomed to working at night</p>
	<p>Shockwave lithotripsy can be used to remove painful kidney stones. In contrast to surgery - the invasive procedure customarily used, extracorporeal shockwave lithotripsy poses little risk to patients. Thus, to remove a patient's kidney stones, the most effective treatment is</p>	<p>A. Kidney surgery can be used to treat other ailments of the kidneys other than kidney stones.</p> <p>B. Extracorporeal shockwave lithotripsy was designed primarily in order to diagnose kidney stones.</p>

12	<p>to patients. Thus, to guarantee patient safety in the attempt treat kidney stones, extracorporeal shockwave lithotripsy should replace kidney stone surgery in all cases. Q:Which of the following, if true, would most support the recommendation above?</p>	<p>C. Kidney surgery can reveal more information about the cause of a stone than an extracorporeal shockwave lithotripsy can. D. An extracorporeal shockwave lithotripsy is just as likely as kidney surgery to successfully remove a kidney stone</p>
13	<p>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?</p>	<p>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</p>
14	<p>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?</p>	<p>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 Jims has C. Lahore Jims receives twice as many letters of complaint about its product as Gujranwala Jims receives about its product D. The number of calls received by each of the two lines has been gradually increasing.</p>
15	<p>Reporter: H &amp; B Co. has misled its clients by promoting some Egyptian porcelain figurines as rare; in fact those pieces are relatively commonplace H &amp; B Representative: That is absurd! H &amp; B is the largest antique dealer in the country. We authenticate the figurines we sell through a nationally recognized firm. Q:The H &amp; B Representative's reply is most vulnerable to the criticism that it .</p>	<p>A. exaggerates the H &amp; B Representative's claims in order to make them appear absurd B. accuses the H &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 &amp; B while failing to address the representative's charge</p>
16	<p>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?</p>	<p>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 where 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 drums</p>
17	<p>Abdullah Sheikh, senior sales officer in a multinational, has trained many top salespeople in his company, including seven who have become the top salespersons in their regions and three who have won the top salesperson award. Although there is an art to selling, Mr. Sheikh's success at training top salespeople shows that the skills required to become a top salesperson can be both taught and learned. Q:The argument above depends on which one of the following assumptions?</p>	<p>A. Mr Sheikh does not teach the hard-sell method. Nor does he teach the "I'll-be-your friend" method. Instead, he stresses the professional-client relationship B. More than 50% of the people trained by Mr. Sheikh went on to become successful sales people C. One of the successful salespeople who trained under Mr Sheikh was not an accomplished salesperson before learning the Sheikh's Method D. There is a large and expanding industry dedicated to training salespeople</p>

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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

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In an vitro study, 160 white cats were injected with saltx. 160 other white cats were injected with placebo. In two weeks, 39% of the white cats, who were injected with SaltX showed symptoms of Kay fever? Hence, it can be concluded that Kay fever is caused by some elements similar to the elements in SaltX. Q: Which of the following would most strengthen the argument above?

- A. Some of the elements in SaltX are extracted from the root of a certain poisonous herb of Hunzaroot of a certain poisonous herb of Hunza
- B. The blood test of the victims of Kay fever revealed the presence of a toxic element in their blood, normally found in salt X
- C. Almost all the white cats died within two days after the first symptom appeared
- D. Normally the rate of Kay fever among white cats is less than 0.01%
- E. Within two weeks, about 40% of the white cats, who were injected with placebo, also contracted Kay fever

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In an vitro study, 160 white cats were injected with saltx. 160 other white cats were injected with placebo. In two weeks, 39% of the white cats, who were injected with SaltX showed symptoms of Kay fever? Hence, it can be concluded that Kay fever is caused by some elements similar to the elements in SaltX. Q: Which of the following statements would most seriously weaken the above discussion?

- A. People suffering from Kay fever are the victims of the golden viper of Sindh
- B. One among the 160 white cats had already showed symptoms of Kay fever prior to the experiment
- C. The natural habitats of white cats does not contain any of the elements found in Salt X
- D. The 160 white cats used in the experiment were kept isolated from each other