

CSS General Abilities Topic 4 Logical Reasoning

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Sr	Questions	Answers Choice
1	Every town with a pool hall has its share of unsavory characters. This is because the pool hall attracts gamblers and all gamblers are unsavory. Which of the following, if true, cannot be inferred from the above?	A. All gamblers are unsavory, B. All pol halls attract gamblers. C. Every town has unsavory characters. D. All gamblers are attracted by pool halls. E. An explanation of what attracts gamblers.
2	Farmers in the North have observed that heavy frost is usually preceded by a full moon somehow generates the frost. Which of the following, if true, would weaken the farmers conviction?	A. The temperature must fall below 10 degrees Celsius (50 degrees Fahrenheit) for frost to occur. B. Absence of a cloud cover cools the ground which causes frost. C. Farmers are superstitious. D. No one has proven that the moon causes frost. E. Farmers are not experts in meteorology.
3	Average family income is right where it was 20 years ago, even though in most families these days, husbands and wives are working. The above statement implies all of the following, except:	A. Even though nominal family income may have increased, inflation has risen at an equal rate. B. More husbands and wives are working today than 20 years ago. C. It was more prevalent for one spouse-to-work 20 yeas ago than today. D. Wives earn more than husbands today. E. The price level was lower 20 years ago.
4	The director of the customs service suggested that customs taxes on automobiles not be reduced as planned by the government because of the high incidence of traffic accidents last year. Which of the above statements weakens the argument above? 1. Although the traffic accident rate last year was high, it was not appreciably higher than previous years and anyway, compulsory insurance covered most physical damage to automobiles and property. 2. A Commerce Department report showed that the demand for automobiles was highly inelastic. That is, as dealers lowered their prices, sales did not increase appreciably. 3. A study by the Economics Department at Classics University found that most traffic accidents had been caused by human error although it also concluded that an inadequate road network contributed to at least 40 percent of passenger injuries.	A. I, but not II and not III. B. II, but not I and not III. C. I and III, but not II. D. II and III, but not I. E. I, II and III.
5	Contrary to charges made by opponents of the new trade bill, the bill's provisions for taking action against foreign countries that place barriers against American exports, is justified. Opponents should take not that restrictive trade legislation in the 1930s succeeded in improving the U.S. trade balance even though economists were against it. The author's method of rebutting opponents of the new trade bill is to	A. attack the patriotism of its opponents. B. attack the opponents characters rather than their claims. C. imply an analogy between the new trade bill and previous trade legislation. D. suggest that economists were against both pieces, of legislation. E. imply that previous legislation also permitted retaliatory action against foreign countries.
6	Ali is a terrible driver. He has had at least five traffic violations, int he past year. Which of the following can be said about the above claim?	A. This is an example of an argument that is directed against the source of the claim rather than the claim itself. B. The statement is fallacious because it contains an illegitimate appeal to authority. C. The above argument obtains its strength from a similarity of two compared situations. D. The argument is built upon an assumption that is not stated but rather is concealed.

		E. In the above statements, there is a shifting in the meaning of terms, causing a fallacy of ambiguity.
7	In a world of many trading countries, the trade between two countries need not be balanced for the trade of each to be in global balance. Differing demands and productive capabilities among countries will cause a specific country to have trade deficits with some countries and surpluses with other countries. Which of the following conclusions best summarizes the passage above?	A. A country trade will always be in balance even though it runs a deficit with a single country. B. A country trade deficits and surpluses with other countries always balance out. C. A country global trade balance is a sign of strength or weakness. D. Countries should not be concerned if they have trade deficits because they will balance out in the long run. E. A country global trade balance is determined by relative remand and productive capabilities.
8	Typically, the entrepreneur is seen as an individual who owns and operates a small business. But, simply to own and operate a small business-or even a big business-does not make someone an entrepreneur. If this person is a true entrepreneur, then new products are being created, new ways of providing services are being implemented. Which of the following conclusions can best be drawn from the above passage?	A. An owner of large business may be an entrepreneur. B. Someone who develops an enterprise may be considered an entrepreneur. C. Entrepreneurs do not own and operate small businesses. D. Entrepreneurs are the main actors in economic growth E. Entrepreneurs are inventors.
9	The President lobbied for passage of his new trade bill which would liberalize trade with industrialized countries such as Japan, members of the European Community, and Canad. Each of the following, if true, could account for the above, except:	A. The President is up for re-election and needs to show results. B. Labour unions have petitioned the President to provide more local jobs. C. The trade agreement could bring a quid pro quo on pending negotiations. D. Economists claimed that the passage of the bill would increase the country trade deficit. E. It was politically desirable for a trade bill at the present time.
10	The movement to ownership by unions is the latest step in the progression form management ownership to employee ownership. Employee ownership can save depressed and losing companies. All the following statements, if true, provide support for the claim above except:	A. Employee-owned companies generally have higher productivity. B. Employee participation in management raises morale. C. Employee union ownership drives up salaries and wages. D. Employee union ownership enables workers to share in the profits. E. Employee union ownership makes it easier to layoff redundant workers.
11	Professor Bilal had the task of giving grades (ranging from A - D in descending value) to her 100 students, based upon the marks they received in three examinations in which the passing mark was 50%. She was instructed to follow the following criteria: i. All students that scored between 90 and 100% in any two examinations could receive an A grade. ii. Students that came in the top decile overall were to be awarded an A. iii. Notwithstanding I and II, if any student failed an exam, the highest he or shed could get was a b. iv. The top 20 students in the whole year, when the overall exam percentages were averaged, could receive an A. Given the above criteria, which of the following in the absence of further information, would definitely not be permissible?	A. A. Brown, who got 95% in Chemistry and 95% in Biology, received a B grade. B. B. White, who was first in Physics and got 96% in History, received a B grade. C. C. Green failed English, but because he ranked ninth overall out of the 100 students, he was awarded an A grade. D. D. Black was given an A after she came twentieth out of the 100 students and failed to get above 90% in any of the three examinations. E. E. Gray failed his Math exam, but came top in his other two tests and was awarded a B.
12	Buy Plenty, a supermarket chain, had successfully implemented an in store promotional campaign based on video messages dashed on a large screen. The purpose of the campaign was to motivate customers to purchase products which they had not planned to buy before they entered to store. The sales manager of Build-It Inc., a chain of do-it-yourself hardware stores, saw the campaign and plans to introduce it in Build-It locations. The sales manager's plan assumes that	A. supermarket and hardware products are the same B. products cannot be sold successfully without a video sales campaign C. Supermarket chains do not sell hardware products D. consumer decision making to buy products does not differ substantially when it comes to both supermarket and hardware products E. in-store campaigns are more effective than out-of-store advertising and sales promotion
		A. Drug rehabilitation centers are too

13	If we are doomed to have local drug rehabilitation centers - and society has determined that we are - then society ought to pay for them. Which of the following, if true, would weaken the above argument?	expensive to be locally funded. B. Many neighborhood groups oppose rehabilitation centers. C. Drug rehabilitation centers are expensive to maintain. D. Drug addicts may be unwilling to receive treatment. E. A government committee has convinced many groups that local rehabilitation centers are ineffective
14	Forty years after African colonies began emerging as nations, modern loyalties still often go first to the tribe. From Angola to Ethiopia, ethnic hatred has forced hundreds of thousands of people to flee their homes, making Africa the continent with the world's largest number of refugees. Which of the following statements best summarizes the above?	A. Africa is best characterized ethnic fractionalization. B. Angola and Ethiopia have the worst record of inter ethnic strife in Africa. C. Continued warfare has made Africa a nation of refugees. D. Africa is best characterized as a federation of many states. E. Africa is best characterized as a continent without loyalties.
15	Significant beneficial effect of smoking occur primarily in the area of mental health, and the habit originates in a search for contentment. The life expectancy of our people has increased greatly in recent years; it is possible that the relaxation and contentment and enjoyment produced by smoking has lengthened many lives. Smoking is beneficial. Which of the following, it true, weaken the above conclusion?	A. That cigarettes are a major health hazard cannot be traced to the willfull act of any human or organization. B. The government earns millions of dollars from the tobacco tax and tens of thousands of civilians are employed in the tobacco industry. C. The evidence cited in the statement covers only one example of the effects of cigarette smoking. D. No mention is made of possible harmful side-effects of smoking. E. No statistical evidence has proven link between smoking and longevity.
16	A local garbage disposal company increased its profitability even though it reduced its prices in order to attract new customers. This was made possible through the use of automated trucks, thereby reducing the number of workers needed per truck. The company also switched from a concentration on household hauling to a concentration on commercial hauling. As a result of its experience, company management planned to replace all their old trucks and increase the overall size of the truck fleet, doubling hauling capacity. The company's plan as outlined above, takes into consideration each of the following except:	A. Commercial clients have more potential than household customers. B. The demand for garbage removal services is sensitive to price. C. Demand for garbage removal services would increase in the future. D. Doubling of capacity would not encessitate; a substantial increase in the work force. E. Doubling of capacity would not cause bottlenecks, leading to a decrease in productivity.
17	During the incumbent president's term of office he succeeded in limiting annual increases in the defense budget by an average of 5 percent. His predecessors experienced annual increases of 8 percent. Therefore, the incumbent president should be given credit for the downturn in defense outlays. Which of the following statements, if true would most seriously weaken the above conclusion?	A. Some generals have claimed that the country's defense has weakened in the past year. B. More soldiers were drafted during the former president's term of office. C. The incumbent president advocates peaceful resolution of international disputes. D. The average annual inflation rate during the incumbent president's term was 4 percent, while during his predecessor's term it was 10 percent E. A disarmament treaty with a major adversary was signed by the incumbent president.
18	The burning of coal, oil, and other combustible energy sources produces carbon dioxide, a natural constituent of the atmosphere. Elevated levels of carbon dioxide are thought to be responsible for half the greenhouse effect. Enough carbon dioxide has been sent into the atmosphere already to cause a significant temperature increase. Growth in industrial production must be slowed, or production processes must be changed. Which of the following, it true, would tend to weaken the strength of the above conclusion?	A. Many areas of the world are cold anyway, so a small rise in temperature would be welcome. B. Carbon dioxide is bad for the health. C. Most carbon dioxide is emitted by automobiles. D. Industry is switching over to synthetic liquid fuel extracted form coal. E. A shift to other energy sources would be too costly.
19	Opponents of the new legislation could defend themselves against the author's strategy by arguing that:	A. the fact that past trade legislation improved the trade balance does not mean that the present bill will do the same. B. economists are not always right. C. the united states had a trade deficit both in the 1930s and at the time of the new bill. D. the new law is not as strong as the

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E. America's trading partners have also passed similar legislation.

You have three boxes, each containing two balls, one containing a black pair; one, a white pair; and third, one white ball and one black ball. On each box are pictures of two balls - either two black ones, two white ones, or one white and one black. You are told that the markings on the boxes are all wrong. You are asked to ascertain the colors of the balls contained in each box.

Which of the following statements can be inferred form the above?

- A. You can take out one ball from the box marked with two black balls and, without looking at the second ball, know that each box actually contains. B. You can take out one ball from the box marked with two white balls and, without looking at the second ball, know what each box actually contains.
- C. You can take out one ball from the box marked with one while ball and one black ball and, without looking at the second ball, know what each box contains.
- D. You cannot know which balls are contained in which box until you take a ball out of more than one box.

 E. You cannot know which boxes contain which color balls until you take a ball out of all three boxes.

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