

CSS General Abilities Topic 4 Logical Reasoning

Sr	Questions	Answers Choice
1	<p>Professor Akram told his class that the method of student evaluation of teachers is not a valid measure of teaching quality. Students should fill out questionnaires at the end of the semester when courses have been completed.</p> <p>Which of the following, if true, provides support for Professor Akram proposal ?</p>	<p>A. Professor Akram received low ratings from his students.</p> <p>B. Students filled out questionnaires after the midterm exam.</p> <p>C. Students are interested in teacher evaluation.</p> <p>D. Teacher are not obligated to use the survey results.</p> <p>E. Student evaluation of teachers is voluntary.</p>
2	<p>In winning its bitter, protracted battle to acquire Blue Industries, Inc., Belle industries has fulfilled its goal to lessen its reliance on tobacco holdings, while the \$5.2 billion deal may spur more takeover activity in the insurance industry, analysts said.</p> <p>Which of the following can be inferred from the passage?</p>	<p>A. Blue Industries is in the tobacco industry.</p> <p>B. Belle industries is in the insurance business.</p> <p>C. Blue Industries is in the insurance business.</p> <p>D. More divestment takes place in the tobacco industry than in the insurance industry.</p> <p>E. More divestment takes place in the insurance industry than in the tobacco industry.</p>
3	<p>Average family income is right where it was 20 years ago, even though in most families these days, husbands and wives are working.</p> <p>The above statement implies all of the following, except:</p>	<p>A. Even though nominal family income may have increased, inflation has risen at an equal rate.</p> <p>B. More husbands and wives are working today than 20 years ago.</p> <p>C. It was more prevalent for one spouse-to-work 20 years ago than today.</p> <p>D. Wives earn more than husbands today.</p> <p>E. The price level was lower 20 years ago.</p>
4	<p>In August 1980, according to a new your. Times/CBS news poll, 36 percent of the voters called themselves Republicans or said they were independents leaning toward being Republicans. In November 1984, the Republican figure rose to 47 percent. But in the latest Times/CBS survey, the Republicans were down to 38 percent. Therefore, the Democrats are likely to win the next election.</p> <p>Which of the following, if true, would most seriously weaken the above conclusion ?</p>	<p>A. Republicans were a minority in 1984, but a Republican president was elected.</p> <p>B. People tend to switch their votes at the last minute.</p> <p>C. People vote for the best candidate, not for a political party.</p> <p>D. No one can predict how people will vote.</p> <p>E. It has been shown that 85 percent of Republicans vote in an election, compared to 50 percent of the Democrats.</p>
5	<p>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.</p> <p>Which of the following conclusions best summarizes the passage above ?</p>	<p>A. A country trade will always be in balance even though it runs a deficit with a single country.</p> <p>B. A country trade deficits and surpluses with other countries always balance out.</p> <p>C. A country global trade balance is a sign of strength or weakness.</p> <p>D. Countries should not be concerned if they have trade deficits because they will balance out in the long run.</p> <p>E. A country global trade balance is determined by relative remand and productive capabilities.</p>
6	<p>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:</p> <p>i. All students that scored between 90 and 100% in any two examinations could receive an A grade.</p> <p>ii. Students that came in the top decile overall were to be awarded an A.</p> <p>iii. Notwithstanding I and II. if any student failed an exam. the highest he or shed could</p>	<p>A. A. Brown, who got 95% in Chemistry and 95% in Biology, received a B grade.</p> <p>B. B. White, who was first in Physics and got 96% in History, received a B grade.</p> <p>C. C. Green failed English, but because he ranked ninth overall out of the 100 students, he was awarded</p>

6	<p>get was a b.</p> <p>iv. The top 20 students in the whole year, when the overall exam percentages were averaged, could receive an A.</p> <p>Given the above criteria, which of the following in the absence of further information, would definitely not be permissible ?</p>	<p>or the 100 students, he was awarded an A grade.</p> <p>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.</p> <p>E. E. Gray failed his Math exam, but came top in his other two tests and was awarded a B.</p>
7	<p>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.</p> <p>Which of the following conclusions can best be drawn from the above passage?</p>	<p>A. An owner of large business may be an entrepreneur.</p> <p>B. Someone who develops an enterprise may be considered an entrepreneur.</p> <p>C. Entrepreneurs do not own and operate small businesses.</p> <p>D. Entrepreneurs are the main actors in economic growth</p> <p>E. Entrepreneurs are inventors.</p>
8	<p>Inflation rose by 5.1 % over the second quarter, up from 4.1 % during the first quarter of the year and higher than the 3.3% record during the same time last year. However, the higher price index did not seem to alarm Wall street, as stock prices remained steady.</p> <p>Which of the following, if true, could explain the reaction of Wall Street ?</p>	<p>A. Stock prices were steady because of a fear that inflation would continue.</p> <p>B. The President announced that he was concerned about rising inflation.</p> <p>C. Economists warned that inflation would persist.</p> <p>D. Much of the quarterly increase in the price level was due to a summer droughts effect on food prices.</p>
9	<p>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.</p> <p>Which of the following statements can be inferred from the above ?</p>	<p>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.</p> <p>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.</p> <p>C. You can take out one ball from the box marked with one white ball and one black ball and, without looking at the second ball, know what each box contains.</p> <p>D. You cannot know which balls are contained in which box until you take a ball out of more than one box.</p> <p>E. You cannot know which boxes contain which color balls until you take a ball out of all three boxes.</p>
10	<p>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.</p> <p>Which of the following, if true, weaken the above conclusion ?</p>	<p>A. That cigarettes are a major health hazard cannot be traced to the willfull act of any human or organization.</p> <p>B. The government earns millions of dollars from the tobacco tax and tens of thousands of civilians are employed in the tobacco industry.</p> <p>C. The evidence cited in the statement covers only one example of the effects of cigarette smoking.</p> <p>D. No mention is made of possible harmful side-effects of smoking.</p> <p>E. No statistical evidence has proven link between smoking and longevity.</p>
11	<p>Ira is taller than Sam. Elliot is taller than Harold. Harold is shorter than Gene. Sam and Gene are of the same height.</p> <p>If the above is true, which of the following conditions, must also be true?</p>	<p>A. Elliot is taller than Gene</p> <p>B. Elliot is taller than Ira</p> <p>C. Sam is shorter than Elliot</p> <p>D. Ira is taller than Harold</p> <p>E. Sam is shorter than Harold</p>
12	<p>If we are doomed to have local drug rehabilitation centers - and society has determined that we are - then society ought to pay for them.</p> <p>Which of the following, if true, would weaken the above argument ?</p>	<p>A. Drug rehabilitation centers are too expensive to be locally funded.</p> <p>B. Many neighborhood groups oppose rehabilitation centers.</p> <p>C. Drug rehabilitation centers are expensive to maintain.</p> <p>D. Drug addicts may be unwilling to receive treatment.</p> <p>E. A government committee has convinced many groups that local rehabilitation centers are ineffective</p>
<p>Forty years after African colonies began emerging as nations, modern loyalties still often go</p>	<p>A. Africa is best characterized ethnic fractionalization.</p> <p>B. Angola and Ethiopia have the</p>	

13	<p>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.</p> <p>Which of the following statements best summarizes the above ?</p>	<p>worst record of inter ethnic strife in Africa.</p> <p>C. Continued warfare has made Africa a nation of refugees.</p> <p>D. Africa is best characterized as a federation of many states.</p> <p>E. Africa is best characterized as a continent without loyalties.</p>
14	<p>Pioneers of the motor-car industry realized that if they were going to meet the growing demand for their product, they had to adapt the labor force used in the productive process. Instead of many men working to complete all the stages of one car at a time, they assigned defined tasks to each man which they would repeat on every car.</p> <p>Which of the following can be concluded from the passage ?</p>	<p>A. Early motor car manufacturers intended to increase productivity by applying the principle of division of labor.</p> <p>B. The car workers became disgruntled because they were assigned monotonous, repetitive tasks on the assembly line.</p> <p>C. Economies of scale enabled early motor companies to expand.</p> <p>D. A bad worker would perform the same task badly on each car, leading to many more rejects.</p> <p>E. The new production process enabled certain car workers to become specialists in the part of the process to which they were assigned.</p>
15	<p>An economist was quoted as saying that the Consumer Price Index (CPI) will go up next month because of a recent increase in the price of fruit and vegetables.</p> <p>Which of the following cannot be inferred from the statement ?</p>	<p>A. The cost of fruits and vegetables has risen sharply.</p> <p>B. Consumers have decreased their consumption of fruits and vegetables.</p> <p>C. The cost of fruit and vegetables is a major item in the CPI.</p> <p>D. Food cost changes are reflected quickly in the CPI.</p> <p>E. Other items that make up the CPI have not significantly decreased in price.</p>
16	<p>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.</p> <p>The company's plan as outlined above, takes into consideration each of the following except:</p>	<p>A. Commercial clients have more potential than household customers.</p> <p>B. The demand for garbage removal services is sensitive to price.</p> <p>C. Demand for garbage removal services would increase in the future.</p> <p>D. Doubling of capacity would not necessitate a substantial increase in the work force.</p> <p>E. Doubling of capacity would not cause bottlenecks, leading to a decrease in productivity.</p>
17	<p>Prompted by proposal to convert a shipyard into a complex of condominiums with full-service marina and boat repair center and by concern about the proposal from local residents, baymen, and environmentalists, the town is considering a one-year building moratorium for the water front area.</p> <p>Which of the following, if true, would most seriously weaken opposition to the complex ?</p>	<p>A. Condominiums would sell for \$350,000 each.</p> <p>B. There is a large demand for boat repair services.</p> <p>C. A growing population results in the closure of shellfish.</p> <p>D. There are already 1,200 moorings on the waterfront.</p> <p>E. The shipyard may be sold for another commercial use.</p>
18	<p>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.</p> <p>Which of the following statements, if true would most seriously weaken the above conclusion ?</p>	<p>A. Some generals have claimed that the country's defense has weakened in the past year.</p> <p>B. More soldiers were drafted during the former president's term of office.</p> <p>C. The incumbent president advocates peaceful resolution of international disputes.</p> <p>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</p> <p>E. A disarmament treaty with a major adversary was signed by the incumbent president.</p>
19	<p>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.</p> <p>Which of the following, if true, cannot be inferred from the above ?</p>	<p>A. All gamblers are unsavory.</p> <p>B. All pool halls attract gamblers.</p> <p>C. Every town has unsavory characters.</p> <p>D. All gamblers are attracted by pool halls.</p> <p>E. An explanation of what attracts gamblers.</p>
		<p>A. The temperature must fall below 10 degrees Celsius (50 degrees</p>

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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. 10 degrees Celsius (30 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.