

GMAT 逻辑

Lecture Nine

(“讲”之解释题：矛盾？不矛盾！)

本节课授课要点

- 什么才需要解释?
- 解释题和加强题的相似之处
- 正确选项与文章focus的相关性
- 阅读理解的重要性
- 非矛盾型解释题

背景事实

与预期不符事实

解释

- explain
- account for
- support/justify the prediction/expectation/claim
- since/because _____.

In order to withstand tidal currents, juvenile horseshoe crabs frequently burrow in the sand. Such burrowing discourages barnacles from clinging to their shells. When fully grown, however, the crabs can readily withstand tidal currents without burrowing, and thus they acquire substantial populations of barnacles. Surprisingly, in areas where tidal currents are very weak, juvenile horseshoe crabs are found not to have significant barnacle populations, even though they seldom burrow.

Which of the following, if true, most helps to explain the surprising finding?

- (A) Tidal currents do not themselves dislodge barnacles from the shells of horseshoe crabs.
- (B) Barnacles most readily attach themselves to horseshoe crabs in areas where tidal currents are weakest.
- (C) The strength of the tidal currents in a given location varies widely over the course of a day.
- (D) A very large barnacle population can significantly decrease the ability of a horseshoe crab to find food.
- (E) Until they are fully grown, horseshoe crabs shed their shells and grow new ones several times a year.

Crowding on Mooreville's subway frequently leads to delays, because it is difficult for passengers to exit from the trains. Subway ridership is projected to increase by 20 percent over the next 10 years. The Mooreville Transit Authority plans to increase the number of daily train trips by only 5 percent over the same period. Officials predict that this increase is sufficient to ensure that the incidence of delays due to crowding does not increase.

Which of the following, if true, provides the strongest grounds for the officials' prediction?

- (A) By changing maintenance schedules, the Transit Authority can achieve the 5 percent increase in train trips without purchasing any new subway cars.
- (B) The Transit Authority also plans a 5 percent increase in the number of bus trips on routes that connect to subways.
- (C) For most commuters who use the subway system, there is no practical alternative public transportation available.
- (D) Most of the projected increase in ridership is expected to occur in off-peak hours when trains are now sparsely used.
- (E) The 5 percent increase in the number of train trips can be achieved without an equal increase in Transit Authority operational costs.

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The Maxilux car company's design for its new luxury model, the Max 100, included a special design for the tires that was intended to complement the model's image. The winning bid for supplying these tires was submitted by Rubco. Analysts concluded that the bid would only just cover Rubco's costs on the tires, but Rubco executives claim that winning the bid will actually make a profit for the company.

Which of the following, if true, most strongly justifies the claim made by Rubco's executives?

- (A) In any Maxilux model, the spare tire is exactly the same make and model as the tires that are mounted on the wheels.
- (B) Rubco holds exclusive contracts to supply Maxilux with the tires for a number of other models made by Maxilux.
- (C) The production facilities for the Max 100 and those for the tires to be supplied by Rubco are located very near each other.
- (D) When people who have purchased a carefully designed luxury automobile need to replace a worn part of it, they almost invariably replace it with a part of exactly the same make and type.
- (E) When Maxilux awarded the tire contract to Rubco, the only criterion on which Rubco's bid was clearly ahead of its competitors' bids was price.

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In Washington County, attendance at the movies is just large enough for the cinema operators to make modest profits. The size of the county's population is stable and is not expected to increase much. Yet there are investors ready to double the number of movie screens in the county within five years, and they are predicting solid profits both for themselves and for the established cinema operators.

Which of the following, if true about Washington County, most helps to provide a justification for the investors' prediction?

- (A) Over the next ten years, people in their teenage years, the prime moviegoing age, will be a rapidly growing proportion of the county's population.
- (B) As distinct from the existing cinemas, most of the cinemas being planned would be located in downtown areas, in hopes of stimulating an economic revitalization of those areas.
- (C) Spending on video purchases, as well as spending on video rentals, has been increasing modestly each year for the past ten years.
- (D) The average number of screens per cinema is lower among existing cinemas than it is among cinemas still in the planning stages.
- (E) The sale of snacks and drinks in cinemas accounts for a steadily growing share of most cinema operators' profits.

Hopwood restaurant is replacing some of its standard tables with tall tables and stools. The restaurant already fills every available seat during its operating hours, and the change in seating arrangements will not result in an increase in the restaurant's seating capacity. Nonetheless, the restaurant's management expects revenue to increase as a result of the seating change without any concurrent change in menu, prices, or operating hours.

Which of the following, if true, provides the best reason for the expectation?

- (A) One of the taller tables takes up less floor space than one of the standard tables.
- (B) Diners seated on stools typically do not linger over dinner as long as diners seated at standard tables.
- (C) Since the restaurant will replace only some of its standard tables, it can continue to accommodate customers who do not care for the taller tables.
- (D) Few diners are likely to avoid the restaurant because of the new seating arrangement.
- (E) The standard tables being replaced by tall tables would otherwise have to be replaced with new standard tables at a greater expense.

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Which of the following most logically completes the argument?

The computer industry's estimate that it loses millions of dollars when users illegally copy programs without paying for them is greatly exaggerated. Most of the illegal copying is done by people with no serious interest in the programs. Thus, the loss to the industry is quite small, because _____.

- (A) many users who illegally copy programs never find any use for them
- (B) most people who illegally copy programs would not purchase them even if purchasing them were the only way to obtain them
- (C) even if the computer industry received all the revenue it claims to be losing, it would still be experiencing financial difficulties
- (D) the total market value of all illegal copies is low in comparison to the total revenue of the computer industry
- (E) the number of programs that are frequently copied illegally is low in comparison to the number of programs available for sale

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As a construction material, bamboo is as strong as steel and sturdier than concrete. Moreover, in tropical areas bamboo is a much less expensive construction material than either steel or concrete and is always readily available. In tropical areas, therefore, building with bamboo makes better economic sense than building with steel or concrete, except where land values are high.

Which of the following, if true, most helps to explain the exception noted above?

- (A) Buildings constructed of bamboo are less likely to suffer earthquake damage than are steel and concrete buildings.
- (B) Bamboo is unsuitable as a building material for multistory buildings.
- (C) In order to protect it from being damaged by termites and beetles, bamboo must be soaked, at some expense, in a preservative.
- (D) In some tropical areas, bamboo is used to make the scaffolding that is used during large construction projects.
- (E) Bamboo growing in an area where land values are increasing is often cleared to make way for construction.

Which of the following most logically completes the argument?

By competing with rodents for seeds, black ants help control rodent populations that pose a public health risk. However, a very aggressive species of black ant, the Loma ant, which has recently invaded a certain region, has a venomous sting that is often fatal to humans. Therefore, the planned introduction into that region of ant flies, which prey on Loma ants, would benefit public health, since _____.

- (A) ant flies do not attack black ants other than Loma ants
- (B) Loma ants are less effective than many bird species in competing with rodents for seeds
- (C) certain other species of black ants are more effective than Loma ants in competing with rodents for seeds
- (D) the sting of Loma ants can also be fatal to rodents
- (E) some pesticides that could be used to control Loma ants are harmful to the environment

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预告下节课授课要点

“黑”体作用题：一点都不“黑”！

- 只管2件事
- 方向的判断
- 作用的归类
- 如何取巧地读文章
- 一条“黑”捷径：较真你就输了

The End