

## Teacher's Discussion

## Critical Reasoning

Critical Reasoning divided by following chapters

01. Conclusion & Inference
02. Assumption
03. Strength & Weaken
04. Paradox & Discrepancy

## Teacher's Discussion

## Conclusion & Inference

### অযৌক্তিক সমর্থন

01. **Faruk must be a football player; he is wearing a football jersey. The conclusion above is valid only if it is true that:**
  - (A) Football players often wear football jerseys.
  - (B) All football players wear football jerseys.
  - (C) Football players never wear any kind of shirt other than football jerseys.
  - (D) Football players are required to wear football jerseys.
  - (E) Only football players wear football jerseys.
02. **If rains are dropping it must be rainy season.**  
**This statement can be true if which of the following statement were true?**

(A) Rains drop very frequently in the rainy season	(B) Rainy season is good for farmers
(C) Rains drop only during rainy season	(D) Rains do not drop only in the rainy season
(E) During rainy season, rains make a storm	
03. **Sabbir must be a doctor; he is wearing a stethoscope around his neck. This conclusion is valid only if it is true that –**
  - (A) A doctor wears a stethoscope around his neck.
  - (B) A doctor often wears a stethoscope around his neck.
  - (C) A doctor is required to wear a stethoscope around his neck.
  - (D) Doctors never wear any kind of instrument other than stethoscope around their necks.
  - (E) None of the above ensures that Sabbir is a doctor.
04. **Sumon must be a policeman; he is carrying a gun. The conclusion above is valid if —**
  - (A) All policemen carry gun
  - (B) Policemen often carry guns.
  - (C) Policemen are required to carry guns.
  - (D) Only policemen carry gun.
  - (E) Policemen never carry any kind of instrument other than a gun.
05. **Which of the following contradicts the view that only the smart people become rich?**
  - (A) Both 'smart' and 'rich' are relative terms.
  - (B) Some smart people do not desire to become rich.
  - (C) Sohel is stupid, yet he amassed a large fortune by the age of 30.
  - (D) Shameem was smart, yet he was poor in his whole life.
  - (E) Different people are smart in different ways.
06. **Which of the following contradicts the view that only MBA-degree holders become rich?**
  - (A) Some MBA-degree holders do not desire to become rich.

- (B) Smart and rich both are relative terms.  
 (C) Mr. Karim was an MBA-degree holder, yet he was poor throughout his life.  
 (D) Importance of wealth varies across cultures and countries.  
 (E) Mr. Bill Gates does not have an MBA degree, yet he is the wealthiest person on earth.

**07. If Ram lives on the first floor, then Sham lives on the second. Sham does not live on the second floor. Therefore -** [Agrani Bank (SO)- 2013]

- (A) Ram does not live on the first floor. (B) Ram may or may not live on the first floor.  
 (C) Ram lives on the first floor. (D) Ram lives on the second floor.  
 (E) None of the above results can be deduced.

**08. If Jeni is in Dhaka, then Mishal is also in Dhaka. Mishal is not in Dhaka. Where is Jeni?**

- (A) Jeni is in Dhaka (B) Jeni is in abroad now  
 (C) Mishal is with Jeni (D) Mishal is not with Jeni  
 (E) None of the above results can be deduced

**09. If it is true that the play ground and the galleries are wet whenever it is raining, Which of the, following must also be true?**

- (I) If the play ground and the galleries are wet, it is raining.  
 (II) If the play ground is wet but the galleries are not wet, it is not raining.  
 (III) If it is not raining, the playground and the galleries are not wet.  
 (A) I only (B) II only (C) III only  
 (D) I and II only (E) II and III only

সমতার ধারণা (যুক্তিতেই যুক্তি)

**10. Dormitories range from two to six stories in height. If a dormitory room is above the second floor, it has a fire escape.**

**If the statements above are true, which of the following must also be true?**

- (A) Second-floor dormitory rooms do not have fire escapes.  
 (B) Third-floor dormitory rooms do not have fire escapes.  
 (C) Only dormitory rooms above the second floor have fire escapes.  
 (D) Fourth-floor dormitory rooms have fire escapes.  
 (E) Some two-story dormitories do not have fire escapes.

**11. If Ahmad graduated from the University after 1990, he was required to take Introductory World History.**

**The statement above can be logically deduced from which of the following?**

- (A) Before 1990, Introductory World History was not a required course in the University.  
 (B) Every student who took Introductory World History at the University graduated after 1990.  
 (C) No student who graduated from the University before 1990 took Introductory World History.  
 (D) All students graduating from the University after 1990 were required to take Introductory World History.  
 (E) Before 1990, no student was permitted to graduate from the University without having taken Introductory World History.

**12. If your radio was made after 1972, it has a stereo feature.**

**The statement above can be deduced logically from which of the following statements?**

- (A) Only if a radio was made after 1972 could it have a stereo feature.  
 (B) All radios made after 1972 have a stereo feature.

- (C) Some radios made before 1972 had a stereo feature.  
 (D) Some stereo features are found in radios made after 1972.  
 (E) Stereo features for radios were fully developed only after 1972.

সব কিছুই তুলনীয় নয়

- 13. All elephants are grey. All mice are grey. Therefore, I conclude that all elephants are mice the argument above is invalid because —**
- (A) the writer bases his argument on another argument that contains circular reasoning.  
 (B) the writer has illogically classified two disparate groups together when there is no relationship between them, except that they both have the same attribute.  
 (C) the writer has made a mistaken analogy between two dissimilar qualities.  
 (D) the writer has used a fallacy which involves the ambiguous description of animals by their color.  
 (E) the writer has failed to express his reasoning fully.
- 14. Rainbow is beautiful, even if no one is there to appreciate it. This statement would be a logical contradiction to which of the following claims?**
- (A) People will see only what they want to see.                      (B) There is no accounting for taste  
 (C) Beauty is only skin deep.    (D) Beauty exists only in the eye of beholder  
 (E) Rainbow is not a real thing.

তুলনা কেবল তুলনাতে

- 15. Ratna is taller than Sima. Karim is taller than Somit. Somit is shorter than Amit. Sima and Amit are of the same height. If the above is true, which of the following conditions must also be true?**
- (A) Karim is taller than Amit    (B) Karim is taller than Ratna  
 (C) Sima is shorter than Karim    (D) Ratna is taller than Somit  
 (E) Sima is taller than Karim
- 16. Bill earns more commission than does Sandra. But since Andrew earns more commission than does Lisa, it follows that Bill earns more commission than does Lisa. Any of the following, if introduced into the argument as an additional premise, makes the argument above logically correct EXCEPT:**
- (A) Andrew earns more commission than Bill,  
 (B) Sandra earns more commission than Lisa,  
 (C) Sandra earns more commission than Andrew,  
 (D) Sandra and Andrew earn the same amount of commission
- 17. Banana has more nutritional value than spinach. But since cabbage has more nutritional value than lettuce, it follows that banana has more nutritional value than lettuce. Any of the following, if introduced into the argument as an additional premise, makes the argument above logically correct EXCEPT:**
- (A) Cabbage has more nutritional value than banana.  
 (B) Spinach has more nutritional value than lettuce.

- (C) Spinach has more nutritional value than cabbage.  
 (D) Spinach and cabbage have the same nutritional value.  
 (E) Banana and cabbage have the same nutritional value

**18. The Pistons have more points than the Nuggets. The Bullets have fewer points than the Lakers. The Nuggets and the Suns have the same number of points. The Suns have more points than the Bullets. If the above is true, which of the following must also be true?**

- (A) The Nuggets have fewer points than the Bullets. (B) The Pistons have more points than the Bullets.  
 (C) The Nuggets have fewer points than the Lakers. (D) The Lakers have more points than the Pistons.  
 (E) The Lakers have more points than the Suns

**Teacher's Discussion****Assumption**

**কথা হোক ইশারায় :**

**19. A man was asked, "Do you beat your wife?" He replied, "I am having fun,"**  
*What conclusion can we draw from the above conversation?*


- (A) The man is a divorcee now. (B) Beating a man's wife is fun.  
 (C) The man did not answer clearly. (D) The man has never been married.  
 (E) It is embarrassing to ask about a man's wife.

**20. A doctor asked his patient, "Do you have high blood sugar?" The patient replied, 'I never went to a hospital'. Conclusion from this conversation is:**

- (A) The patient does not have high blood sugar. (B) The patient has high blood sugar.  
 (C) Having high blood sugar is normal. (D) The patient did not answer the question directly.  
 (E) The patient was indifferent.

**21. A poet was once asked to explain particularly an obscure passage in one of his poems. He responded "when I wrote that verse, only God and I knew the meaning of that passage. Now only God knows". What is the point on the poet's response?**

- (A) God is wiser than man (B) God knows everything  
 (C) Poets know nothing (D) A great poem is inspired by God  
 (E) He has forgotten what he had originally meant by the verse


**মধ্য অর্থ/ সারমর্মের ধারণা :**

**22. A company's two divisions performed with remarkable consistency over the past three years. In each of those years, the pharmaceuticals division has accounted for roughly 20 percent of taka sales and 40 percent of profits and the chemicals division for the balance.**

**Regarding the past three years, which of the following can properly be inferred from the statement above?**

- (A) Total taka sales for each of the company's divisions have remained roughly constant.  
 (B) The pharmaceuticals division has faced stiffer competition in its market than has the chemicals division.  
 (C) The chemicals division has realized lower profits per taka of sales than has the pharmaceuticals division.  
 (D) The product mix offered by each of the company's divisions has remained unchanged.  
 (E) Highly profitable products accounted for a higher percentage of the chemicals division's sales than of the pharmaceuticals division.

**23. The cost of producing radios in Country Q is 10 percent less than the cost of producing radios in Country Y. Even after transportation costs and customs duty are added, it is still cheaper for a company to import radios from Country Q to Country Y than to produce radios in Country Y. The statements above, if true, best support which one of the following assertions?**

- (A) Labor costs in Country Q are ten percent below those in Country Y.  
 (B) Importing radios from Country Q to Country Y will eliminate ten percent of the manufacturing jobs in Country Y.  
 (C) The cost of transporting a radio from Country Q to Country Y is more than ten percent of the cost of manufacturing the radio in Country Q.  
 (D) The customs duty on a radio imported from Country Q to Country Y is less than ten percent of the cost of manufacturing the radio in Country Y.  
 (E) It takes ten percent less time to manufacture a radio in Country Q than it does in Country Y.

### আভ্যন্তরীণ অর্থ :

**24. Titan, a moon which orbits the planet Saturn, is the second largest moon in the solar system, smaller only than Ganymede, one of Jupiter's moons.**

**Given that the statement above is true, we may logically conclude all of the following EXCEPT.**

- (A) No moon larger than Ganymede orbits planet Saturn (B) Saturn has at least one moon other than Titan  
 (C) Exactly one moon larger than Titan orbits planet Jupiter  
 (D) Jupiter has at least one moon other than Ganymede (E) None of these

**25. In a magic show, every one who is not over six feet tall is seated in the first row. The assistants ushered Uzma to be seated in the second row. The sentences can logically indicate which of the following inferences.**

- (A) Taller people have the chance to know the tricks of magic  
 (B) Uzma's height is over six feet. (C) Uzma is going to be six feet next month  
 (D) Shorter people enjoys magic more (E) None of these

### অনেক কথা যাও যে বলে কোন কথা বলি, তোমার ভাষা বোঝার আশা দিয়েছি জলাঞ্জলি:

**26. In recent years, many cabinetmakers have been winning acclaim as artists. But since furniture must be useful, cabinetmakers must exercise their craft with an eye to the practical utility of their product. For this reason, cabinetmaking is not art. Which of the following is an assumption that supports drawing the conclusion above from the reason given for that conclusion?**

- (A) Some furniture is made to be placed in museums, where it will not be used by anyone.  
 (B) Some cabinetmakers are concerned than others with the practical utility of the products they produce.  
 (C) Cabinetmakers should be more concerned with the practical utility of their products than they currently are.  
 (D) An object is not an art object if its maker pays attention to the object's practical utility.

- (E) Artists are not concerned with the monetary value of their products
27. **Every year a larger number of people die of cancer. Smoking is supposed to be one of the important causes of cancer. However, few people who have never smoked die of cancer. What can be inferred from the statements mentioned above?**
- (A) Smoking is not a cause of cancer  
 (B) Smoking is the only cause of cancer.  
 (C) Smoking is not the only cause of cancer but it increases the probability of cancer.  
 (D) smoking is bad for health. E. Both B and C.
28. **“President of the company with the Board of Directors: we are being threatened by a union organizing drive. The workers are trying to wrest control from us. We must take any steps necessary to prevent this takeover, even if some of these measures may not be fully legal”.**  
**If the statements above are true, it follows that :**
- (A) Successful opposition to a union organizing drive must require illegal measures.  
 (B) That union organizing drive is being conducted illegally.  
 (C) The Board of Directors will refuse to recognize the union even if it wins a representation election  
 (D) Maintaining full control of the company is more important than obeying the law.  
 (E) Successful unionization of any company deprives the company officers of control over the company.
29. **The amount of time it takes for most of a worker’s occupational knowledge and skills to become obsolete has been declining because of the introduction of advanced manufacturing technology (AMT). Given the rate at which AMT is currently being introduced in manufacturing, the average worker’s old skills become obsolete and new skills are required within as little as five years. Which of the following plans, if feasible, would allow a company to prepare most effectively for the rapid obsolescence of skills described above?**
- (A) The company will develop a program to offer selected employees the opportunity to receive training six years after they were originally hired.  
 (B) The company will increase its investment in AMT every year for a period of at least five years.  
 (C) The company will periodically survey its employees to determine how the introduction of AMT has affected them.  
 (D) Before the introduction of AMT, the company will institute an educational program to inform its employees of the probable consequences of the introduction of AMT.  
 (E) The company will ensure that it can offer its employees any training necessary for meeting their job requirements.
30. **An economist was quoted as saying that the cost-of-living index (COL) will go up next month because of a recent increase in the price of fruits and vegetables. Which of the following cannot be inferred from the statement?**
- (A) The cost of fruits and vegetables has risen sharply  
 (B) Consumers have decreased their consumption of fruits and vegetables  
 (C) The cost of fruits and vegetables is a major item in the COL  
 (D) Other items that make up the COL have not significantly decreased in price  
 (E) Food cost changes are reflected quickly in the COL
31. **High levels of fertilizer and pesticides, needed when farmers try to produce high yields of the same crop year after year, pollute water supplies. Experts therefore urge farmers to diversify their crops and to rotate their plantings yearly. To receive governmental price-support benefits for a crop, farmers must have produced that same crop for the past several years.**  
**The statements above, if true, best support which of the following conclusions?**

- (A) The rules for governmental support of farm prices work against efforts to reduce water pollution.
- (B) The only solution to the problem of water pollution from fertilizers and pesticides is to take farmland out of production.
- (C) Farmers can continue to make a profit by rotating diverse crops, thus reducing costs for chemicals, but not by planting the same crop each year.
- (D) New farming techniques will be developed to make it possible for farmers to reduce the application of fertilizers and pesticides.
- (E) Governmental price supports for farm products are set at levels that are not high enough to allow farmers to get out of debt.

**32. The average working man takes about two minutes to shave every morning. If you added up all the time that he spends shaving in a whole year, then it comes to several hours. Just imagine how many working days are being lost every year by the employers in the country, through the national work force shaving! The argument above depends on which of the following assumptions?**

- (A) The national work force consists mainly of men who shave.
- (B) If men didn't have to shave every morning, they would spend the time working instead.
- (C) Working men shave in the morning rather than in the evening.
- (D) Men don't shave at the weekend, when they probably wouldn't be at work anyway.
- (E) Some men take less than minutes to shave.

**ধাঁধার যুক্তি/ যুক্তির ধাঁধা :**

**33. Mr. and Mrs. Jhon and their son John want to cross the Dart River. The only way across is with Mr. Jon in his rowboat. Mr. Jon will not allow anyone to row his boat and will take only one person at a time on his boat. John is only a little boy so he cannot be left alone on the riverbank. Which of the following conditions is not part of the successful passage of the John's across the river?**

- (A) Mr. Jhon crosses the river first.
- (B) Mr. Jhon crosses the river last.
- (C) Mr. and Mrs. Jhon do not cross together.
- (D) John crosses the river first.
- (E) John crosses the river second.

**34. Opening a plant in war-torn Country X is not inadvisable, despite what critics of the plant may say. Ten years ago we opened our plant in Country Y in the middle of a revolution; that plant has been generating substantial profits ever since. Which of the following is the author of the argument above most reasonably intending the reader to conclude?**

- (A) Wars are profitable for the author's particular business.
- (B) Country X is a more politically stable nation than is Country Y.
- (C) Critics of the proposed plant in Country X are likely to be biased.
- (D) The proposed plant in Country X will generate profits despite the war.
- (E) The proposed plant in Country X will be more successful than the plant in Country Y.

35. Of the five bill collectors at apex Collection Agency, Mr. Mamun has the highest rate of unsuccessful collections. Yet Mr. Mamun is the best bill collector on the agency's staff. Which one of the following, if true, most helps to resolve the apparent discrepancy?
- (A) None of the bill collectors at the agency has been working longer than Mr. Mamun  
 (B) The other four bill collectors at the agency consider Mr. Mamun to be a very capable bill collector  
 (C) Mr. Mamun's rate of collections per year has remained fairly steady in the last few years  
 (D) Before joining the agency, Mr. Mamun was affiliated with the credit department of a larger department store  
 (E) Mr. Mamun is assigned to the majority of the most difficult cases at the agency
36. A report that many apples contain a cancer-causing preservative called Alar apparently had little effect on consumers. Few consumers planned to change their apple-buying habits as a result of the report. Nonetheless, sales of apples in grocery stores fell sharply in March, a month after the report was issued. Which of the following, if true, best explains the reason for the apparent discrepancy described above?
- (A) In March, many grocers removed apples from their shelves in order to demonstrate concern about their customers' health.  
 (B) Because of a growing number of food-safety warnings, consumers in March were indifferent to such warnings.  
 (C) The report was delivered on television and also appeared in newspapers.  
 (D) The report did not mention that any other fruit contains Alar, although the preservative is used on other fruit.  
 (E) Public health officials did not believe that apples posed a health threat because only minute traces of Alar were present in affected apples.
37. Neither a rising standard of living nor balanced trade, by itself, establishes a country's ability to compete in the international marketplace. Both are required simultaneously since standards of living can rise because of growing trade deficits and trade can be balanced by means of decline in a country's standard of living. If the facts stated in the passage above are true, a proper test of a country's ability to be competitive is its ability to - [Social Islami Bank-2010, EMBA oct-2006, EMBA Oct-2009]
- (A) Balance its trade while its standard of living rises.  
 (B) Balance its trade while its standard of living falls.  
 (C) increase trade deficits while its standard of living rises.  
 (D) keeps its standard of living constant while trade deficits rise.  
 (E) Decrease its standard of living and increase its trade deficit.

**Teacher's Discussion****Strength & Weaken****Basic Idea**

38. Unlike the wholesale price of raw wool the wholesale price of raw cotton has fallen considerably in the last year. Thus, although the retail price of cotton clothing at retail clothing stores has not yet fallen, it will inevitably fall. Which of the following, if true, most seriously weakens the argument above?
- (A) The cost of processing raw cotton for cloth has increased during the last year.  
 (B) The wholesale price of raw wool is typically higher than that of the same volume of raw cotton.  
 (C) The operating costs of the average retail clothing store have remained constant during the last year.  
 (D) Changes in retail prices always lag behind changes in wholesale prices.  
 (E) The cost of harvesting raw cotton has increased in the last year.

39. Recently a court ruled that current law allows companies to reject a job applicant if working in the job would entail a 90 percent chance that the applicant would suffer a heart attack. The presiding judge justified the ruling, saying that it protected both employees and employers. The use of this court ruling as part of the law could not be effective in regulating employment practices if which of the following were true?
- (A) The best interests of employers often conflict with the interests of employees.
  - (B) No legally accepted methods exist for calculating the risk of a job applicant's having a heart attack as a result of being employed in any particular occupation.
  - (C) Some jobs might involve health risks other than the risk of heart attack.
  - (D) Employees who have a 90 percent chance of suffering a heart attack may be unaware that their risk is so great.
  - (E) The number of people applying for jobs at a company might decline if the company, by screening applicants for risk of heart attack, seemed to suggest that the job entailed high risk of heart attack.

**Strength**

40. When three Everett-owned Lightning-built airplanes crashed in the same month, the Everett Company ordered three new Lightning-built airplanes as replacements. This decision surprised many in the airline industry because, ordinarily when a product is involved in accidents, users become reluctant to buy that product. Which of the following, if true, provides the best indication that the Everett Company's decision was logically well supported?
- (A) Although during the previous year only one Lightning-built airplane crashed, competing manufacturers had a perfect safety record.
  - (B) The Lightning-built airplanes crashed due to pilot error but because of the excellent quality of the planes there were many survivors.
  - (C) The Federal Aviation Association issued new guidelines for airlines in order to standardize safety requirements governing preflight inspections.
  - (D) Consumer advocates pressured two major airlines into purchasing safer airplanes so that the public would be safer while flying.
  - (E) Many Lightning Airplane Company employees had to be replaced because they found jobs with the competition.
41. Many breakfast cereals are fortified with vitamin supplements. Some of these cereals provide 100 percent of the recommended daily requirement of vitamins. Nevertheless, a well balanced break fast, including a variety of foods, is a better source of those vitamins than are such fortified breakfast cereals alone. Which of the following, if true, would most strongly support the position above?
- (A) In many foods, the natural combination of vitamins with other nutrients makes those vitamins more usable by the body than are vitamins added in vitamin supplements.
  - (B) People who regularly eat cereals fortified with vitamin supplements sometimes neglect to eat the foods in which the vitamins occur naturally.
  - (C) Foods often must be fortified with vitamin supplements because naturally occurring vitamins are removed during processing.
  - (D) Unprocessed cereals are naturally high in several of the vitamins that are usually added to fortified breakfast cereals.
  - (E) Cereals containing vitamin supplements are no harder to digest than similar cereals without added vitamins.
42. "Price of vegetables is very high in city area in comparison to that in rural area." This claim is weakened by the following facts except:
- (A) There is least demand for vegetable in city area.

- (B) Vegetables are subject to downward price control in city area by the government.  
 (C) City dwellers purchase vegetable produced only in the city area.  
 (D) Vegetables are mostly common item of every meal of a city dweller.  
 (E) Abundantly produced rural vegetable are not allowed to sell in city area.

**43. A greater number of newspapers are sold in town S than in town T. Therefore, the citizens of town S are better informed about major world events than are the citizens of town T. Each of the following, if true, weakens the conclusion above except :**

- (A) Town S has a larger population than town T.  
 (B) Most citizens of town T work in town S and buy their newspapers there.  
 (C) The average citizen of Town S spends less time reading newspapers than does the average citizen of town T.  
 (D) A weekly newspaper restricted to the coverage of local events is published in town T.  
 (E) The average price of newspapers sold in town S is lower than the average price of newspapers sold in town T.

**Weakness**

**44. A drug that is highly effective in treating many types of infection can, at present, be obtained only from the bark of the *ibora*, a tree that is quite rare in the wild. It takes the bark of 5,000 trees to make one kilogram of the drug. It follows, therefore, that continued production of the drug must inevitably lead to the *ibora*'s extinction.**

**Which of the following, if true, most seriously weakens the arguments above?**

- (A) The drug made from the *ibora* bark is dispensed to doctors from a central authority  
 (B) The drug made from the *ibora* bark is expensive to produce  
 (C) The leaves of the *ibora* are used in a number of medical products  
 (D) The *ibora* can be propagated from cuttings and grown under cultivation  
 (E) The *ibora* generally grows in largely inaccessible places.

**45. 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.**

**Which of the following would most weaken this argument?**

- (A) Acme brand aspirin is highly addictive.  
 (B) The 10 people called were married to the company's top 10 executives, and they were coached on what to say.  
 (C) Most people choose to suffer silently through their headaches and take no medicines whatsoever.  
 (D) This survey was conducted by an independent company.  
 (E) The 10 people were selected at random.

**46. Mouth cancer is a danger for people who rarely brush their teeth. In order to achieve early detection of mouth cancer in these individuals, a town's public health officials sent a pamphlet to all town residents, describing how to perform weekly self-examinations of the mouth for lumps.**

**Which of the following, if true, is the best criticism of the pamphlet as a method of achieving the public health officials' goal?**

- (A) Many dental diseases produce symptoms that cannot be detected in a weekly self-examination.  
 (B) Once mouth cancer has been detected, the effectiveness of treatment can vary from person to person.  
 (C) The pamphlet was sent to all town residents, including those individuals who brush their teeth regularly.  
 (D) Mouth cancer is much more common in adults than in children.

- (E) People who rarely brush their teeth are unlikely to perform a weekly examination of their mouth.
47. **The recent decline in the value of the dollar was triggered by a prediction of slower economic growth in the coming year. But that prediction would not have adversely affected the dollar had it not been for the government's huge budget deficit, which must therefore be decreased to prevent future currency declines. Which of the following, if true, would most seriously weaken the conclusion about how to prevent future currency declines?**
- (A) The government has made little attempt to reduce the budget deficit.  
(B) The budget deficit has not caused a slowdown in economic growth.  
(C) The value of the dollar declined several times in the year prior to the recent prediction of slower economic growth.  
(D) Before there was a large budget deficit, predictions of slower economic growth frequently caused declines in the dollar's value.  
(E) When there is a large budget deficit, other events in addition to predictions of slower economic growth sometimes trigger declines in currency value.
48. **In the last decade there has been a significant decrease in coffee consumption. During this same time, there has been increasing publicity about the caffeine in coffee's adverse long-term effects on health. Therefore, the decrease in coffee consumption must have caused by consumers' awareness of the harmful effects of caffeine. Which of the following, if true, most seriously calls into question the explanation above?**
- (A) On average, people consume 30 percent less coffee today than they did 10 years ago.  
(B) Heavy coffee drinkers may have mild withdrawal symptoms, such as headaches, for a day or so after significantly decreasing their coffee consumption.  
(C) Sales of specialty types of coffee have held steady as sales of regular brands have declined.  
(D) The consumption of fruit juice and caffeine-free herbal tea has increased over past decade.  
(E) Coffee prices increased steadily in the past decade because of unusually severe frosts in coffee-growing nations.
49. **Medical researchers have recently suggested that candidates for heart bypass surgery actually achieve similar benefit by adopting a regimen of increased exercise and dietary changes, if maintained for a ten-year period. Although bypass surgery is now considered a relatively routine procedure, it still puts the patient at risk for heart failure during, or immediately following, the operation. Therefore, the performance of bypass surgery should be ceased. Which of the following, if true, casts the most serious doubt on the conclusion drawn above?**
- (A) Patients undergoing bypass surgery can suffer aneurysms, stroke, or other potentially life-threatening afflictions.  
(B) Almost all candidates for bypass surgery are at a significant risk of suffering a heart attack within five years.  
(C) Although patients who undergo bypass surgery are often at risk for suffering heart attacks during or after the operation, most patients survive the procedure.  
(D) Since the occurrence of heart attacks during and immediately following bypass surgery is rare, the benefits of the surgery outweigh its liabilities.  
(E) A regimen of exercise and dietary changes can be undertaken at little cost, where as bypass surgery is an expensive procedure.
50. **Robot satellites relay important communications and identify weather patterns, because the satellites can be repaired only orbit, astronauts are needed to repair them. Without repairs, the satellites would eventually malfunction. Therefore, space flights carrying astronauts must continue. Which of the following if true, would most seriously weaken the argument above?**

- (A) Satellites falling from orbit because of malfunctions burn up in the atmosphere.
- (B) Although satellites are indispensable in the identification of weather patterns, weather forecasters also make some use of computer projections to identify weather patterns.
- (C) The government, responding to public pressure, has decided to cut the budget for space flights and put more money into social welfare programs.
- (D) Technical obsolescence of robot satellites makes repairing them more costly and less practical than sending new, improved satellites into orbit.

51. Which of the following, if true, will most seriously weaken the conclusion drawn in the passage?

- (A) Statisticians do not believe that moving to Cox's Bazar will significantly lengthen the average life expectancy.
- (B) It is falsely alleged that statistics of life expectancy of Dhaka are inaccurate.
- (C) The life expectancy of current population of Cox's Bazar is mostly attributable to genetic factors.
- (D) Forty percent of the population of Dhaka can expect to live longer than 67 years.
- (E) The level of pollution in Cox's Bazar is well below that in Dhaka.

## Student's Work - 01

## Conclusion & Inference

01. Sakib is taller than Sajib, Rajib is taller than Mozib, Mozib is shorter than Hafiz. Sajib and Hafiz are of the same height. If the above is true, which of the following conditions must also be true?

[Bank Asia (PO)2015]

- (A) Sajib is taller than Hafiz
- (B) Sakib is taller than Mozib
- (C) Rajib is taller than Sakib
- (D) Sajib is taller than Rajiv.

**Answer and Explanation:**

প্রশ্নের তথ্যগুলোকে সংক্ষেপে নিচের মত করে লেখা যায়:  $Sk > Saj$ ;  $Raj > M$ ;  $M < H$ ;  $Saj = H$  তাহলে  $Sk > Saj = H > M$  এবং  $Raj > M$ ; তথ্যগুলো একত্রে দেখালে বুঝা যায় Rajib-এর সাথে Sakib বা Sajib-এর কোন সম্পর্ক নিশ্চিত বলা যাচ্ছে না। Rajib, Hafiz-এর চেয়ে ছোট বা Sakib-এর চেয়ে বড় হতে পারে। একমাত্র (b)-এর বক্তব্য ( $Sakib > Mozib$ ) must be true। ∴ Answer (b)।

02. Faruk must be a football player; he is wearing a football jersey. The conclusion above is valid only if it is true that:

- (A) Football players often wear football jerseys.
- (B) All football players wear football jersey.
- (C) Football players never wear any kind of shirt other than football jerseys.
- (D) Football players are required to wear football jerseys.
- (E) Only football players wear football jerseys.

**Answer: (E)**

03. "Bari has been selected as the new captain of the football team, so he must be the brightest boy in the team". The statement above makes which of the following assumptions?

- I. Only the brightest boys play football

II. Only boys play football

III. Only the brightest is made captain

(A) I only

(B) III only

(C) I and II only

(D) I and III only

**Answer is (B)**

**04. If Munna is on the finance team, then he is a member of the central committee.**

**The statement can be logically deduced from which of the following?**

(A) Central committee members are hogging all the important jobs.

(B) Everybody on the finance team is also a member of the central committee.

(C) Munna is on the central committee

(D) The finance team and the central committee

(E) Munna is on other teams as well

**Answer and Explanation:**

Munna যদি finance team-এ থাকে, তবে সে central committee-এর member। বক্তব্যটিতে ১টি gap আছে। সেটি হচ্ছে finance team-এ কেউ থাকলেই সিদ্ধান্ত নেয়া হচ্ছে যে, সে central committee-র member। অর্থাৎ finance team-এ থাকার সাথে central committee-তে থাকার একটি সম্পর্ক আছে যা এখানে বলা নেই। এই সম্পর্কটাই gap যা, আমাদের খুঁজে বের করতে হবে। সুতরাং, সঠিক উত্তরে finance team এবং central committee দুটো word-ই থাকতে হবে। চলুন উত্তরগুলো পড়া যাক।

(A), (C) Finance team কথাটি নাই। ∴ বাদ।

(E) Finance team, central committee কোন কথাই নাই। ∴ বাদ। ∴ হয় (B) না হয় (D)।

(D) বাদ, কারণ এখানে sentence-টির কোন অর্থই হয় না।

**∴ Ans (B).**

**05. All German philosophers, except for Marx, are idealists.**

**From which of the following can the statement above be most properly inferred?**

[Islami Bank-2012, EMBA Jan 2012]

(A) Except for Marx, if someone is an idealist philosopher, then he or she is German.

(B) Marx is the only non-German philosopher who is an idealist.

(C) If a German is an idealist, and then he or she is a philosopher, as long as he or she is not Marx.

(D) Marx is not an idealist German philosopher.

(E) Aside from the philosopher Marx, if someone is a German, then he or she is an idealist

**Answer and Explanation:**

Argument : Aside from the philosopher Marx, if someone is a German, then he or she is an idealist Clearly we can infer that : All German philosophers, except for Marx, are idealists.

Marx বাদে সকল জার্মান philosopher (দার্শনিক)-রা হল আদর্শবাদী। এখানে এই বক্তব্যটি যুক্তিপূর্ণ করতে হলে এমন একটি বক্তব্য খুঁজতে হবে যেখানে বলা আছে সকল German-রাই idealist; তাহলে এবার Answer পড়া যাক। (a)-তে, Marx বাদে কেউ যদি idealist philosopher হয় তাহলে সে জার্মান - এটি দ্বারা সকল জার্মান philosopher-রা idealist বলা যাচ্ছে না। কারণ জার্মানে idealist-ছাড়া অন্য কোন ধরনের Philosopher নেই - তা তো বলা নেই। অন্যভাবে বলতে গেলে, যদি বলা হয় কেউ যদি মৌলবাদী ডাক্তার হয় তাহলে সে পাকিস্তানী - এই statement থেকে পাকিস্তানের সকল ডাক্তার মৌলবাদী তা বলা যায় না। (E)-তে পাওয়া যায়, কেউ যদি German হয় তাহলে সে idealist - মানে সকল জার্মানরাই idealist- হোক সে ডাক্তার বা দার্শনিক।

**সুতরাং Ans. (E).**

**06. Starting in 1955, all workers had to wear steel helmets if they were employed in the construction industry.**

**From which of the following can the statement above be properly inferred?**

(A) No worker had to wear steel helmet before 1955, but all workers had to wear them after 1955.

(B) Construction industry workers were the first to be required to wear steel helmets.

- (C) Construction industry workers had to wear steel helmets prior to 1955.  
 (D) Some workers may have worn steel helmets before 1955, but all construction workers were required to wear them beginning in 1955.  
 (E) Workers may have worn some type of helmet before 1955, but later all had to wear steel-type helmets.

**Answer and Explanation:**

1995 সাল থেকে construction industry-এর সকল worker-কে steel helmet পড়া বাধ্যতামূলক (had to wear) করা হয়। এই কথাটি প্রমাণ করতে হলে যুক্তি হিসেবে কোন statement ব্যবহার করতে হবে? (1) Starting in 1955: অর্থাৎ সময়টা 1955 সাল থেকে শুরু হতে হবে। পূর্বে বা পরে নয়।

(2) Construction worker: অন্য industry হলে হবে না বা generally সকল worker বা industry ও বাদ।

(3) Steel helmet: অন্য type হলে বাদ।

(A) ভুল, কারণ এখানে before 1955, after 1955 থাকলেও construction workers সম্বন্ধে কিছু বলা হয়নি।

(B) ভুল, কারণ সময়ের কোন উল্লেখই নেই।

(C) ভুল, কারণ শুধু 1955-এর পূর্বের কথা আছে।

(E) ভুল, কারণ এখানে সব worker-দের নিয়ে কথা বলছে, construction worker নয়।

∴ Ans (D).

**07. Bangladesh Cricket team is stronger than Ireland Cricket team. New Zealand Cricket team is stronger than that of West Indies. West Indies Cricket team is weaker than that of South Africa. Ireland and South Africa Cricket teams are of same strength.**

**If these statements are true, which of the following conditions must also be true?**

(A) New Zealand team is stronger than South Africa team.

(B) New Zealand team is stronger than Bangladesh team.

(C) Ireland team is weaker than New Zealand team.

(D) Bangladesh team is stronger than West Indies team.

(E) Ireland team is weaker than West Indies team.

**Answer and Explanation:**

(D) এখানে শর্তগুলো হল- (i) Bang > Ire (ii) NZ > WI (iii) SA > WI (iv) Ire = SA শর্ত (i), (iii) ও (iv) কে মিলিয়ে লেখা যায়- (v) Bang > Ire = SA > WI এখানে WI ছাড়া অন্যান্যদের সাথে NZ কে accurately সম্পর্কিত করা যাচ্ছে না। এখন দেখতে হবে নিচের কোনটি must true. (A) NZ > SA; নিশ্চিত করে বলা যাবে না; কারণ শর্তে শুধু বলা আছে NZ > WI এখন SA এর চেয়ে কম শক্তিশালী হয়েও WI এর চেয়ে বেশি শক্তিশালী হওয়া সম্ভব। অর্থাৎ Bang > Ire = SA > NZ > WI হওয়া সম্ভব বা হলে সব শর্তই ঠিক থাকে। (B) NZ > Bang; এটা হতে পারে, must হবে এমন নয়। (C) NZ > Ire; এটাও হতে পারে, কিন্তু must নয়। (D) Bang > WI; এটা must true, কোনবাবেই এর অন্যথা সম্ভব না। (E) WI > Ire; হতে পারে না, বরং উল্টোটা অবশ্যই হবে।

**08. Faruque is taller than Pintu. Javed is taller than Pintu. Shafique is taller than Javed. Tutul is taller than Faruque.**

**If the information above is true, which of the following statements must also be true?**

(A) Faruque is taller than Javed.

(B) Tutul is taller than Pintu.

(C) Shafique is shorter than Tutul.

(D) Faruque is shorter than Javed.

(E) Pintu is taller than Javed.

**Answer and Explanation:**

(B) প্রশ্নে আছে, Faruque, Pintu-র চেয়ে লম্বা, অর্থাৎ F > P; Javed, Pintu-র চেয়ে লম্বা, অর্থাৎ J > P; Shafique, Javed-এর চেয়ে লম্বা, অর্থাৎ S > J; Tutul, Faruque-এর চেয়ে লম্বা, অর্থাৎ T > F সবগুলো statement একত্রে নিম্নরূপ পাওয়া যায়; T > F > P এবং S > J > P এবার

answer-এর কোনটি অবশ্যই সত্য তা বের করতে হবে। Answer-গুলো পড়া যাক (B)-তে আছে, *Tutul, Pintu*-র চেয়ে লম্বা যা অবশ্যই সত্য কারণ  $T > F > P$  পাওয়া গিয়েছে। অন্যগুলো সত্য বলা যাচ্ছে না।

**09. Abbas is heavier than Bobby, but is lighter than Reza. Shabbir is heavier than both Bobby and Reza. Omar is heavier than both Bobby and Reza.**

**If the statements above are true, one can conclude with certainty that Dipu is heavier than abbas if one knows in addition that.**

- (A) Shabbir weighs the same as Omar weighs  
 (B) Dipu is heavier than Omar  
 (C) Shabbir is heavier than Dipu  
 (D) Dipu is heavier than Bobby  
 (E) None of these

**Answer and Explanation:**

(B) *Abbas, Bobby*-র ভারী অর্থাৎ সংক্ষেপে  $A > B$ ; কিন্তু *Abbas, Reza*-র চেয়ে হালকা অর্থাৎ  $A < R$ । *Sabbir* হল *Bobby* ও *Reza* উভয়ের চেয়ে ভারী অর্থাৎ  $S > B$  এবং  $S > R$ । *Omar* হল *Bobby* ও *Reza* উভয়ের চেয়ে ভারী অর্থাৎ  $O > B$  এবং  $O > R$  একত্রে সাজালে পাওয়া যায়ঃ  $S > R > A > B$  এবং  $O > R$  প্রশ্ন হল, অতিরিক্ত আর কোন শর্তটি জানতে পারলে বলা যাবে যে *Dipu, Abbas*-এর চেয়ে ভারী?এবার answer-এ দেখতে হবে *Abbas*-এর চেয়ে ভারী কারো চেয়ে *Dipu* ভারী কিনা। (B)-তে আছে,  $D > O$  এবং প্রশ্নের শর্তে পাওয়া যায়  $O > A$  অর্থাৎ  $D > O > A$ .  
 তাহলে (B)-ই Answer.

**10. Shelly is taller than Polly. Dolly is taller than Keya. Keya is shorter than Shirin. Polly and Shirin are of the same height.**

**If the above is true, which of the following statement must also be true?**

- (A) Dolly is taller than Shirin.  
 (B) Dolly is taller than Shelly.  
 (C) Polly is shorter than Dolly.  
 (D) Shelly is taller than Keya.  
 (E) Polly is shorter than Keya

**Answer and Explanation:**

According to the question: Shelly > Polly = Shirin > Keya ∴ Shelly > Keya

∴ Answer : D.

**11. Sumona: I just heard that Samina failed in her Master's exam.**

**Tamanna: That can't be true; she got first class in her B.Com, exam.**

**From the conversation above, it can be inferred that:**

- (A) Tamanna thinks Sumona is lying.  
 (B) Tamanna thinks Sumona has not appeared in her Master's exam, yet.  
 (C) Sumona thinks Samina has failed in the Master's exam.  
 (D) Tamanna assumes that someone who got first class in B.Com cannot fail in Masters  
 (E) Sumona knows that Samina failed her Master's exam.

**Answer and Explanation:**

(D) মানে Tamanna ধরে নিয়েছে যে, কেউ যদি B.Com-এ first class পায়, তাহলে সে Masters-এ fail করতে পারে না।

**12. Ratna is taller than Sima. Karim is taller than Somit. Somit is shorter than Amit. Sima and Amit are of the same height.**

**If the above is true, which of the following conditions must also be true?**

- (A) Karim is taller than Amit  
 (B) Karim is taller than Ratna  
 (C) Sima is shorter than Karim  
 (D) Ratna is taller than Somit  
 (E) Sima is taller than Karim

**Answer and Explanation:**

প্রথমে আছে, Sima-র চেয়ে Ratna লম্বা অর্থাৎ  $R > Si$ । পরের গুলো ও নামের প্রথম অক্ষর দিয়ে পর্যায়ক্রমে লেখা যায়:  $K > So; A > So; Si = A$

এবার একত্র করলে :  $R > Si = A > So$  ;  $\therefore R > So$

$\therefore$  উত্তর : (D).

13. There are five statements given below

(I) Karim earns more than Rahim but less than Raihan

(II) Tarique earns more than Farid

(III) Rahim earns more than Rafiq

(IV) Raihan and Tarique earn equal amounts

(V) Farid earns the least amount

Which of the above statements prove that Tarique earns more money than Rafiq

(A) I, II and III

(B) II, III and IV

(C) III, IV and V

(D) I, III and IV

**Answer and Explanation:**

Rafiq-এর information আছে (III)-এ যেখানে Rahim, Rafiq থেকে বেশি উপার্জন করে। আবার, (I) থেকে পাওয়া যায়, Karim, Rahim থেকে বেশী কিন্তু Raihan থেকে কম উপার্জন করে। আবার (V)-এ পাওয়া যায় Raihan ও Tarique সমান উপার্জন করে। অর্থাৎ (I), (III) ও (IV)-এর তথ্যের দ্বারা  $Tariq > Rafiq$  প্রমাণ করা যায়।  $\therefore$  Answer হল (d).

14. There are five members in a group – Ali, Babul, Chisty, Dulal and Enam. Dulal is taller than Enam. Ali is shorter than Chisty, Chisty is shorter than Enam, Enam is taller than Chisty, and Ali is taller than Babul.

Who is the shortest in the group?

(A) Enam

(B) Dulal

(C) Chisty

(D) Babul

(E) Ali

**Answer and Explanation:**

(D) Dulal is taller than Enam. অর্থাৎ  $D > E$ ; এভাবে অন্যগুলো হল,  $C > A$ ;  $E > C$  এবং  $A > B$  একত্রে পাওয়া যায়,  $D > E > C > A > B$  অর্থাৎ, Babul is the shortest in the group.

15. Having attractive personality is a prerequisite to becoming a successful salesperson.

Which of the following contradicts the above statement?

(A) Mr. Kabir has an attractive personality but he has become a moderately successful salesperson.

(B) Attractive personality doesn't always help to become a successful salesperson

(C) Good academic qualification helps to become a successful sales person.

(D) Mr. Ashraf has both an attractive personality and good salesperson qualities.

(E) Mr. Tanvir has not got an attractive personality but he has become a successful salesperson.

**Answer and Explanation:**

প্রশ্নের উপরে দেয়া বক্তব্যটি হল- অর্থাৎ, আকর্ষণীয় ব্যক্তিত্বের অধিকারী হওয়াটা হল একজন সফল বিক্রয়কর্মী হওয়ার পূর্বশর্ত। প্রশ্ন হল, এই বক্তব্যকে খন্ডন করে Answer choice-এর কোন বক্তব্যটি? এই বক্তব্যের খন্ডনকারী বক্তব্যটি মোটামুটি এমন হবে যে, কেউ আকর্ষণীয় না হয়েও সে সফল বিক্রয়কর্মী। এভাবে Answer choice পড়ার আগে সম্ভাব্য statement সম্পর্কে ধারণা করে নিলে উত্তর বের করা খুব সহজ হয়ে যায়। এধরণের খন্ডনকারী statement (e)-তে পাওয়া গেল।  $\therefore$  Answer হল (E).

## Related Test

## Try Yourself

01. Sabina must be a nurse. She is wearing an apron. The conclusion above is valid only if it is true that :

(A) All nurses wear apron

(B) Only nurses wear apron [South East Bank-2012]

(C) Nurses often wear apron

(D) Only female nurses wear apron

02. Wilber was just elected president of the Student Senate, so he must be a senior.  
 The statement above makes which of the following assumptions?
- I. Only seniors can be members of the Student Senate.  
 II. Only seniors can be president of the Student Senate.  
 III. Only members of the Student Senate can be seniors.
- (A) I only (B) II only (C) III only  
 (D) I and II only (E) I, II only and III.
03. "Bari has been selected as the new captain of the football team, so he must be the brightest boy in the team". The statement above makes which of the following assumption(s)?
- I. Only the brightest boys play football  
 II. Only boys play football  
 III. Only the brightest is made captain
- (A) I only (B) III only (C) I and II only (D) I and III only
04. Ron must be a soldier; he is wearing a helmet.  
 The conclusion above is valid only if it is true that
- (A) All soldiers wear helmets (B) Soldiers never wear any kind of cap other than helmets  
 (C) Only soldiers wear helmets (D) Soldiers often wear helmets  
 (E) Soldiers are required to wear helmets
05. If these cabinets were built after 1995, they were not made out of oak plywood.  
 The statement above depends upon which of the following assumption?
- (A) No cabinets made in 1995 or earlier were made of oak plywood.  
 (B) Only cabinets made of oak plywood were built in 1995 or earlier.  
 (C) All cabinets made after 1995 were made out of oak plywood.  
 (D) All cabinets made in 1995 or earlier were made out of oak plywood.  
 (E) No cabinets made after 1995 were made of oak plywood.
06. Having good manners is a pre-requisite to become a famous leader. Which of the following contradicts the above statement?
- (A) Mr. Shahed has good manners but he became a infamous leader  
 (B) Mr. Kamal has both manners and good leadership qualities  
 (C) Mr. Rahman has no good manner but he became a famous leader  
 (D) Good manners do not always help to become a famous leader  
 (E) Good academic performance helps to become a famous leader
07. Having attractive personality is a prerequisite to becoming a successful salesperson. Which of the following contradicts the above statement?
- (A) Mr. Kabir has an attractive personality but he has become a moderately successful salesperson.  
 (B) Attractive personality doesn't always help to become a successful salesperson  
 (C) Good academic qualification helps to become a successful sales person.  
 (D) Mr. Ashraf has both an attractive personality and good salesperson qualities.  
 (E) Mr. Tanvir has not got an attractive personality but he has become a successful salesperson.
08. If Zakaria is on the Human Resource Management (HRM) team, then he is a member of the core committee. This statement can be logically deduced from which of the following?
- (A) Core committee member are monopolizing all important jobs.

- (B) Zakaria is in the core committee.  
 (C) Everybody in the HRM team is also a member of the core committee.  
 (D) Zakaria is not on the HRM team.  
 (E) The HRM team and the core committee are not identical bodies
- 09. If Karim was bom in Dhaka, he is a Bangladeshi citizen. The statement can be deduced logically from which of the following statements?**
- (A) Karim is a citizen of Bangladesh or India.  
 (B) Every citizen of Bangladesh is a resident of any part of the country.  
 (C) Some people bom in Dhaka are citizens of Bangladesh.  
 (D) Everyone bom in Dhaka is a citizen of Bangladesh  
 (E) Karim was bom either in Dhaka or in Chittagong.
- 10. If Elahi is on the sub-committee, then he is on the executive committee. This statement can be logically deduced from which of the following statement?**
- (A) All members of the executive committee are on the sub-committee.  
 (B) Elahi is on either the executive committee or on the sub-committee.  
 (C) Some members of the executive committee are on the sub-committee.  
 (D) Elahi is on the executive committee.  
 (E) Everyone who is on the sub-committee is also on the executive committee.
- 11. The primary schools in a city range from one to six stories in height. If a classroom in a primary school is above the second floor, it must have a fireproof door.**  
**If the statements above are true, which of the following statements must also be true about primary-school rooms in the city?**
- (A) Some third-floor rooms in primary schools do not have fireproof doors.  
 (B) No second-floor classrooms in primary schools have fireproof doors.  
 (C) In Primary schools, rooms have above the 2nd floors that are not classrooms do not have fireproof doors.  
 (D) Any fourth-floor classrooms in primary schools have fireproof doors.  
 (E) Primary schools with classrooms on the first floor only do not have any fireproof doors.
- 12. A meadow in springtime is beautiful, even if no one is there to appreciate it. This statement would be a logical rebuttal to which of the following claims?**
- (A) People will see only what they want to see                      (B) Beauty is only skin-deep  
 (C) There's no accounting for taste                                      (D) Beauty exists only in the eye of the beholder  
 (E) The greatest pleasure available to mankind is in contemplation.
- 13. All cows are white. All cats are also white. Therefore, it can be concluded that all cows are cats. The argument is invalid because :**
- (A) One argument is based another argument that contains similar reasoning.  
 (B) It has drawn a mistaken analogy between two dissimilar qualities.  
 (C) Argument was based on a fallacy which involves an ambiguous description of animals by their color.  
 (D) Argument is based on incomplete reasoning.  
 (E) It is illogical to classify two disparate groups together when there is no relationship between them, except that they both have same attribute.

14. All English-subject teachers in colleges give lectures in English. And all teachers in the universities give lectures in English in their own subjects. Therefore, I conclude that all teachers are English-subject teachers. The argument is invalid because:
- (A) The writer bases his argument on another argument that contains circular reasoning.  
 (B) The writer has illogically classified two disparate groups together when there is no relationship between them, except that they both have the same attribute.  
 (C) The writer has made a mistaken analogy between two dissimilar qualities.  
 (D) The write has used a fallacy which involves the ambiguous description of teaching in English.  
 (E) The writer has failed to express his reasoning fully.
15. Sakib is taller than Sajib, Rajib is taller than Mozib, Mozib is shorter than Hafiz. Sajib and Hafiz are of the same height. If the above is true, which of the following conditions must also be true?
- (A) Sajib is taller than Hafiz  
 (B) Sakib is taller than Mozib  
 (C) Rajib is taller than Sakib  
 (D) Sajib is taller than Rajiv.
16. জলিলের ওজন করিমের ওজনের চেয়ে বেশী। লতিফের ওজন মাহবুবের ওজনের চেয়ে বেশী। মাহবুবের ওজন নাসিমের ওজনের চেয়ে কম। করিম ও নাসিমের ওজন সমান।  
 উপরের তথ্য সঠিক হলে নীচের কোনটি অবশ্যই সঠিক হবে?
- (A) লতিফের ওজন নাসিমের ওজনের চেয়ে বেশী  
 (B) লতিফের ওজন জলিলের ওজনের চেয়ে বেশী  
 (C) জলিলের ওজন মাহবুবের ওজনের চেয়ে বেশী  
 (D) করিমের ওজন মাহবুবের ওজনের চেয়ে কম
17. Shelly is taller than Polly. Dolly is taller than Keya. Keya is shorter than Shirin. Polly and Shirin are of the same height.  
 If the above is true, which of the following statement must also be true?
- (A) Dolly is taller than Shirin.  
 (B) Dolly is taller than Shelly.  
 (C) Polly is shorter than Dolly.  
 (D) Shelly is taller than Keya.  
 (E) Polly is shorter than Keya
18. Bangladesh Cricket team is stronger than Ireland Cricket team. New Zealand Cricket team is stronger than that of West Indies. West Indies Cricket team is weaker than that of South Africa. Ireland and South Africa Cricket teams are of same strength. If these statements are true, which of the following conditions must also be true?
- (A) New Zealand team is stronger than South Africa team.  
 (B) New Zealand team is stronger than Bangladesh team.  
 (C) Ireland team is weaker than New Zealand team.  
 (D) Bangladesh team is stronger than West Indies team.  
 (E) Ireland team is weaker than West Indies team.
19. "A is taller than B, P is taller than Q, Q is shorter than M. So, B and M are of the height". On the basis of the above mentioned information, which of the following conditions is true?
- (A) P is taller than M  
 (B) P is taller than A  
 (C) B is shorter than P  
 (D) A is taller than Q  
 (E) B is shorter than Q

20. Mumu earns more commission than does Muna. But since Noriya earns more commission than does Tahiya, it follows that Mumu earns more commission than does Tahiya. Any of the following, if introduced into the argument as an additional premise, makes the argument logically correct except:
- (A) Muna earns more commission than Noriya.  
 (B) Muna earns more commission than Tahiya.  
 (C) Noriya earns more commission than Mumu.  
 (D) Muna and Noriya earn the same amount of commission.  
 (E) Mumu and Noriya earn the same amount of commission

**Student's Work- 02**
**Assumption, Paradox and Discrepancy**

01. Rural households have more purchasing power than do urban or suburban households at the same income level, since some of the income urban and suburban households use for food and shelter can be used by rural households for other needs. Which of the following inferences is best supported by the statement made above?
- (A) The average rural household includes more people than does the average urban or suburban household.  
 (B) Rural households have lower food and housing cost than do either urban or suburban households.  
 (C) Suburban households generally have more purchasing power than do either rural or urban households.  
 (D) The median income of urban and suburban households is generally higher than that of rural households.  
 (E) All three types of households spend more of their income on housing than on all other purchases combined.

**Answer and Explanation:**

একই বা সমান আয়ের ক্ষেত্রে শহরে বা উপশহরে বসবাসকারীদের চেয়ে গ্রামে বসবাসকারীদের ক্রয়ক্ষমতা বেশি (more purchasing power)। এর কারণ হিসেবে দেখানো হয়েছে, শহর বা উপশহরে বসবাসকারীদের খাদ্য এবং বাসস্থান এর জন্য যে পরিমাণ খরচ হয়, গ্রামে বসবাসকারী সেই পরিমাণ জন্য খাতে খরচ করতে পারে। অর্থাৎ এখানে ধরে নেয়া হচ্ছে, গ্রামে বসবাসকারীদের খাদ্য এবং বাসস্থান বাবদ শহরবাসীদের চেয়ে কম খরচ হয়। এবং এই বেঁচে যাওয়া অংশটুকু তারা অন্য খাতে খরচ করতে পারে।

∴ উত্তর : (B)

02. Monopoly is characterized by an absence of or decline in competition. The ABC company realizes that its operations are in competitive industries. Which of the following conclusions may be inferred from the above?
- (A) ABC's market is not monopolistic  
 (B) Monopoly is defined as one seller in a market  
 (C) The ABC company has no domestic competitors  
 (D) The ABC Company is publicly owned  
 (E) The ABC Company is in a service industry

**Answer and Explanation:**

প্রশ্নের বক্তব্য হল, (i) *monopoly* (একচেটিয়া) পরিস্থিতিতে কোন প্রতিযোগিতা নেই বা প্রতিযোগিতা হ্রাস পাচ্ছে এমন, (ii) ABC-র মার্কেটে *competition* বিদ্যমান,

∴ বলা যায় যে ABC-র মার্কেটে *monopoly* অনুপস্থিত। এজন্য Answer choice (A)-ই।

∴ Correct উত্তর।

03. Three years ago the government introduced the Youth Training Program to guarantee teenagers leaving school an alternative to the dole. Today, over one hundred thousand 17 and 18 year olds are

still signing on for unemployment benefits. Each of the following if true, could account for the above except:

- (A) The program provides uninteresting work
- (B) It is difficult to find work for all the program's graduates
- (C) The number of 17 and 18 year old youths has increased over the past three years
- (D) Unemployment benefits are known while future salaries are not
- (E) Youths are unaware of the program's benefits.

**Answer Explanation:**

তিন বছর আগে U.S government teenager দেব জন্য Youth training program চালু করে যাতে করে school leaving teenager-রা এই ট্রেনিং program-এর অন্তর্ভুক্ত হতে পারে। কিন্তু তারপরও বর্তমানে এক লক্ষেরও বেশি 17 ও 18 বছর বয়সী teenager-রা unemployment benefit-এর জন্য আবেদন করছে। এখানে (A), (B), (D) ও (E) প্রতিটিই possible reason হতে পারে। কিন্তু 17, ও 18 বছর বয়সীদের সংখ্যা বৃদ্ধি পাওয়া কোন possible explanation প্রদান করে না। কারণ teenager-দের সংখ্যা বাড়লেই unemployment benefit-এর জন্য আবেদন বাড়বে তা যুক্তিসঙ্গত নয়। সেক্ষেত্রে training-এ অংশগ্রহণকারী teenager-দের সংখ্যাও বাড়তে পারে।

∴ উত্তর: (C)

**04. For large farms to be as productive as they can be, their owners need to invest heavily in expensive machinery. This typically requires them to go into considerable debt, and interest on this debt is then a significant fixed cost. This high fixed cost makes those farmers vulnerable to operating losses if the price of their products drops.**

**The information above best supports which of the following inferences about large farms?**

- (A) They can be highly productive without being profitable.
- (B) They tend to be so highly productive that they drive down market prices.
- (C) They tend to be consistently profitable if their owners borrow at low interest rates.
- (D) They respond to operating losses by increasing their productivity
- (E) They cannot be profitable if their owners depend on credit

**Answer and Explanation :**

বড় বড় খামার সমূহ থেকে সর্বোচ্চ উৎপাদন করার জন্য তাদের মালিকদের ব্যয়বহুল যন্ত্রপাতি ক্রয়ের জন্য বিনিয়োগ করতে হয়। এর ফলে মালিকদের বেশ ভাল পরিমাণের ঋণ হয়ে যায় এবং এই ঋণের সুদের হার তাদের বেশ বড় একটি খরচ। এই খরচ (high fixed cost) এর দরপা কৃষকরা ক্ষতির শিকার হবে যদি তাদের উৎপাদিত দ্রব্যের মূল্য কমে যায়। তাহলে বুঝা যাচ্ছে, এত খরচ করে অধিক Productivity সত্ত্বেও farmer-রা loss-এর শিকার হবে যদি Product-এর price যথাযথ না হয়। তাহলে অধিক Productivity মানেই অধিক Profit নয়। অর্থাৎ, একই সাথে highly productive হয়েও Profitable নাও হতে পারে। অর্থাৎ Statement (A) হচ্ছে appropriate answer।

∴ উত্তর : (A).

**05. Total number of students of 5 departments of the Faculty of Business Studies is greater than the total number of students of 6 departments of the Science Faculty of Dhaka University. What can we say if one of the departments is dropped from the Faculty of Business Studies?**

- (A) We cannot draw any conclusion.
- (B) Total number of students in both the faculties will be equal.
- (C) Total number of students of the Faculty of Business Studies is greater than the total number of students of the Science Faculty.
- (D) Total number of students of the Science Faculty will still be greater than the total number of students of the Faculty of Business Studies.

- (E) Total number of students of the Science Faculty is slightly less than the total number of students of the Faculty of Business Studies.

**Answer Explanation:**

প্রশ্নের বক্তব্য হল *Science Faculty*-র 6-টি বিভাগের ছাত্র সংখ্যার চেয়ে *Business Faculty*-র 5-টি বিভাগের ছাত্রসংখ্যা বেশী। যদি *Business Faculty* থেকে একটি department বাদ দেয়া হয় তাহলে আমরা কি বলতে পারি তা answer গুলো পড়ে বের করতে হবে। এখানে B, C, D ও E- এর বক্তব্য গুলো সঠিক হবে কিনা সে সম্পর্কে কিছু বলা যাচ্ছে না কারণ যে department-কে বাদ দেয়া হচ্ছে সেটির ছাত্রসংখ্যা এবং উভয় *Faculty*-র ছাত্রসংখ্যা জানা নেই। সুতরাং answer হবে (A)।

- 06. The total population of 10 countries in the Asian zone is greater than the total population of 11 countries in the European zone. What can we say if one of the countries is dropped from the Asian zone?**

- (A) The total population of the Asian zone is greater than the total population of the European zone  
 (B) The total population of the European Zone will still be greater than the total population of the Asian zone  
 (C) The total population in both zones will be equal  
 (D) We cannot say anything conclusively  
 (E) None of the above

**Answer and Explanation:**

05 No. Questions এর মতো।

∴ উত্তর : (D).

- 07. A management consultant made the following suggestion to the managers of a garments factory located in Dhaka: "Purchase larger spools of sewing thread. With more thread to a spool, your operators will not need to stop production as often to change spools. This will reduce your labor cost." The efficiency expert apparently assumes that -**

- (A) Thread wound on larger spools is not as strong as thread wound on smaller spools.  
 (B) Sewing machines do not break down and do not require routine maintenance.  
 (C) Workers in the factory are paid by hour rather than on a piecework basis.  
 (D) Machine operators are not allowed to leave their machine during the work period.  
 (E) Speeding up production will improve the quality of the shirts made at the factory.

**Answer and Explanation:**

(C) management consultant - *manager*-কে প্রশংসা দিল - বড় আকারের spool (স্পুল - সূতা জড়াইয়া রাখার নাটাই)-এ বেশী সূতা থাকায় *operator*-রা *production* বন্ধ করে বার বার *spool change* করবে না বলে *labor cost* কমে যাবে। statement-এর conclusion- "*This will reduce the labor cost*"-কে strengthen করতে হলে Answer choice থেকে একটি hidden premise বের করতে হবে। (A) ও (B)-এর statement-গুলি থেকে উল্লেখিত conclusion-এ আসা যায় না। (C)-তে আছে, *worker*-রা ঘন্টাভিত্তিক মজুরী পায়, কোন নির্দিষ্ট কাজের ভিত্তিতে নয় - যা দ্বারা conclusion-এ আসা যায়, কারণ বড় *spool* হলে *worker*-রা একাধারে কাজ করবে। বার বার *spool change* করার সময় নষ্ট হবে না। ফলে (C)-ই বেশী logical। (D)-তে *worker*-রা কাজের সময় *machine* ছেড়ে উঠতে পারবে না - এটি অযৌক্তিক, তেমনি (E)-এর statement-ও উপরোক্ত conclusion-এর জন্য illogical।

∴ উত্তর হবে (C).

- 08. A research has concluded that women are just as capable as men in math but that their skills are not developed because society expects them to develop other more diverse abilities.**

**Which of the following is a basic assumption of the researcher?**

- (A) Ability in Math is more important than ability in more diverse subjects.

- (B) Ability in math is less important than ability in more diverse subjects.
- (C) Women and men should be equally capable in Math.
- (D) Women might be more capable than in math.
- (E) Women tend to conform to social expectations

**Answer and Explanation :**

মহিলাদের সামাজিক প্রত্যাশাসমূহকে *conform* করার প্রবণতা বেশী এবং *society* চায় অন্যান্য বিভিন্ন (*diverse*) বিষয়ে তারা তাদের দক্ষতার উন্নয়ন করছে, এই জন্য নারীরা তাদের Math-এর দক্ষতা বৃদ্ধি করতে পারেনা। ∴ উত্তর হবে (E)।

**09. Since it is possible that substances contained in certain tree roots may provide a cure for cancer, the government must provide sufficient funds to allow thorough testing of this possibility. The argument above assumes that –**

- (A) Substances contained in certain tree roots will probably cure cancer
- (B) The line of research mentioned offers at present the most promising possibility for finding a cure for cancer.
- (C) The possibility of finding a cure is sufficient reason for funding research into possible cancer cures.
- (D) A cure for cancer would be extremely valuable to society.

**Answer and Explanation :**

Government-এর উচিত sufficient fund provide করা। কিসের জন্য? Testing-এর জন্য কি *testing*? Certain tree-এর root-এ cancer-এর cure আছে কিনা। কেন? কারণ সে রকম একটা সম্ভাবনা থাকলেও থাকতে পারে। অর্থাৎ, বক্তার যুক্তি হচ্ছে cancer-এর cure থাকার possibilities থাকায়, Government-এর উচিত এই খাতে sufficient fund provide করা। অর্থাৎ সম্ভাবনা থাকলেই সরকার কর্তৃক অর্থায়ন করতে হবে এটাই হচ্ছে আসল কথা। ∴ তাই উত্তর (C)।

**10. Among the more effective kinds of publicity that publishers can get for a new book is to have excerpts of it published in a high-circulation magazine soon before the book is published. The benefits of such excerption include not only a sure increase in sales but also a fee paid by the magazine to the book's publisher. Which of the following conclusions is best supported by the information above?**

- (A) The number of people for whom seeing an excerpt of a book in a magazine provides an adequate substitute for reading the whole book is smaller than the number for whom the excerpt stimulates a desire to read the book.
- (B) Because the financial advantage of excerpting a new book in a magazine usually accrues to the book's publisher, magazine editors are unwilling to publish excerpts from new books.
- (C) In calculating the total number of copies that a book has sold, publishers include sales of copies of magazines that featured an excerpt of the book.
- (D) The effectiveness of having excerpts of a book published in a magazine, measured in terms of increased sales of a book, is proportional to the circulation of the magazine in which the excerpts are published.
- (E) Books that are suitable for excerpting in high circulation magazines sell more copies than books that are not suitable for excerpting.

**Answer and Explanation :**

(A) এখানে বলা হয়েছে যে, নতুন বই এর ক্ষেত্রে বেশী কার্যকরী পদ্ধতি প্রচারণার মধ্যে অন্যতম হচ্ছে ঐ বইয়ের 'কিছু অংশ' কোন একটি high circulation megazine এ প্রকাশ করা। এতে করে শুধু যে sell বাড়ে তাই নয় বরং ম্যাগাজিন কর্তৃক পরিশোধিত কিছু টাকা Publisher পায়। Answer option এর সবগুলিকে পর্যবেক্ষন করলে শুধুমাত্র 'A'ই উপরের কথাগুলিকে support করে। কারণ 'A' তে বলা হয়েছে যে, যারা ম্যাগাজিনটা পড়েই সম্পূর্ণ বইয়ের স্বাদ গ্রহণ করতে চায়, তাতেও সংখ্যাটা ম্যাগাজিন পড়ে বইটি কিনতে চায় তাতেও চেয়ে অনেক কম। কিছু অংশ প্রকাশ করাটা loss হতো।

**11. The prospectus advice is not to fill in form A, to fill in either from B or from C, and to send whichever one of these you complete back to the Department of Education (DoE). If you have filled in form A and form C, then the prospectus advises you to enclose the payment demanded. Which of the following most closely follows the advice given in the prospectus?**

- (A) Filling in form B only and returning it to the DoE with the payment demanded.
- (B) Filling in form B and C and returning them to the DoE with no payment.
- (C) Filling in form A and returning it to the DoE with the payment demanded.

- (D) Filling in form A and C returning them to the DoE with the payment demanded.  
 (E) Filling in form C and returning it to the DoE with no payment.

**Answer and Explanation:**

- (A) B বা C-এর ক্ষেত্রে কোন payment demand prospectus-এ নেই বলে এটি বাদ;  
 (B) B ও C-এর যে কোন একটি করতে হবে বলে এটি বাদ।  
 (C) এটি পূরণ না করতে বলা হয়েছে;  
 (D) এটি prospectus-এ একটি condition হিসেবে দেয়া আছে।  
 (E) এটিই prospectus-এর advice অনুসারে হতে পারে।

∴ উত্তর : (E).

- 12. Television convinces viewers that the likelihood of their becoming the victim of a violent crime as extremely high; at the same time, by its very nature, television persuades viewers to passively accept whatever happens to them. The argument above leads most logically to the conclusion that:**

- (A) People should not watch television.  
 (B) Television promotes a feeling of helpless vulnerability in its viewers.  
 (C) Television viewers are most likely to be victimized through other persons.  
 (D) The contents of television program should be changed.  
 (E) Television viewing promotes criminal behavior.

**Answer and Explanation :**

প্রদত্ত argument-এর বক্তব্য- দর্শকরা যে *violent crime*-এর *victim* হতে পারে এ ব্যাপারটি Television viewing-এর মাধ্যমে দর্শকদের মধ্যে ছড়িয়ে পড়ছে। ফলে দর্শকরা তাদের জীবনে ঘটে যাওয়া ঘটনাগুলো সহজেই accept করছে television এর প্ররোচনায়। ফলে আমরা এই argument-এর conclusion-এ আসতে argument-এর আলোকে এ কথা বলতে পারি, television-এ প্রদর্শিত program-গুলো দর্শকের মধ্যে এক ধরনের অসহায়ত্ব তৈরী করছে যাতে করে দর্শকরা সহজেই নিজেদের fate-কে accept করে নিচ্ছে।

সুতরাং (B)-statement-টি conclusion হবে।

∴ উত্তর: (B).

- 13. Dr. Rahman: The alarming fact is that 50% of the people in Bangladesh now report that they know someone who has kidney problem.**

**Dr. Kashem: But a normal moderate level of kidney problem is about 2% with 1 (one) out of 50 (fifty) people. So at any given time if a person knows approximately 100 people, 1 (one) or more will very likely be a kidney patient. Dr. Kashem's argument is structured to lead to which of the following as a conclusion?**

- (A) The fact that 50% of the people know someone who is a kidney patient is not an indication of abnormally high kidney problem.  
 (B) The current level of kidney problem is not moderate.  
 (C) If at least 2% of people are kidney patients, the result of questioning a representative group of people can not be the percentage Dr. Rahman cites.  
 (D) It is unlikely that people whose statements Dr. Rahman cites are giving accurate reports.  
 (E) The actual percentage of people with kidney problem is even higher

**Answer and Explanation:**

কিডনী রোগ আছে এমন ১-জনকে তো- ১০০ জন লোকও চিনতে পারে। তার মানে তো আর এমন নয় যে ১০০ জন লোকের-ই কিডনী রোগ আছে।

∴ Answer: (A).

14. The owners of a local supermarket have decided to make use of three now-redundant checkout counters. They believe that this will attract those customers who lately have been put off by the long checkout lines during the mid-morning and evening rush hours. The owners have concluded that in order to be successful, the increased revenue from existing and added counters will have to be more than the increase in maintenance costs for the added counters. The underlying goal of the owners can be summarized thus:

- (A) To improve services to all customers. (B) To attract people who have never been to the store.  
 (C) To make use of the redundant counters. (D) To increase monthly profits.  
 (E) To keep maintenance costs on the added counters as low as possible.

**Answer and Explanation :**

(D) The principal purpose of the owners is to make more money from the change, by increasing income more than the added cost. Therefore (D) is the appropriate answer.

15. **Salma:** Commercial flights presently supply more carbon dioxide to the air in one year than does the entire African continent. If we would like to lessen global warming we would have to control the number of flights we take.

**Nizam:** Did you know that one inter-continental flight causes more pollution than twelve months of car travel?

**Nizam's response to Salma's comment serves to -**

- (A) counters Salma's contention that flights are a major contributor to increased carbon dioxide levels  
 (B) add more weight to her argument that we should reduce the number of flights we take  
 (C) alleviate the force of her argument by suggesting that there is an alternative approach  
 (D) Recommend an alternative that will reduce the effect of pollution.  
 (E) Question whether she really understands the severity of global warming

**Answer and Explanation :**

Salma বললঃ পুরো আফ্রিকা মহাদেশ যে পরিমাণ কার্বন ডাই অক্সাইড নির্গত করে তার চেয়ে বাণিজ্যিক ফ্লাইটগুলি বর্তমানে বেশী নির্গত করে। যদি আমরা বৈশ্বিক উষ্ণতা কমাতে চাই তাহলে আমাদের ফ্লাইটের সংখ্যা নিয়ন্ত্রণের মধ্যে রাখতে হবে।

Nizam বললঃ তুমি কি জানতে যে সারা বছর Car ভ্রমণের চেয়ে একটি আন্তঃমহাদেশীয় ফ্লাইট বেশী দূষণ ঘটায়? Salma-এর মন্তব্যে Nizam-এর উত্তর যে প্রভাব ফেলে তা বের করতে হবেঃ নিজে নিজে আগে চিন্তা করচ, তারপর উত্তর খুঁজলে সহজ হবে। এখানে Nizam-এর বক্তব্য থেকে জানা যায় এটি Salma-র বক্তব্যকেই আরও জোড়ালো করেছে। যাহোক Answer-গুলো পড়ে দেখা যাক এ ধরনের বক্তব্য কিভাবে বলা আছে। (B)-তে পাওয়া যায়, আমাদের ব্যবহৃত ফ্লাইটগুলির সংখ্যা যে আরও কমাতে হবে Salma-র এই বক্তব্যটি Nizam-এর বক্তব্য দ্বারা আরও ভারী মানে জোড়ালো হল।

সুতরাং Answer হল (B).

- 01. Medical research has claimed a very high association between smoking and lung cancer. Yet we see many smokers showing no signs of lung cancer. On the other hand, many victims of lung cancer had never smoked. From the above statement we can conclude that -**
- (A) Passive smoking is more dangerous than active smoking.
  - (B) Smoking may not be the only cause of lung cancer.
  - (C) The research findings are inconsistent with the evidence from the real world
  - (D) A victim of lung cancer should never smoke.
- 02. The consumer price index (CPI) in Bangladesh is expected to grow up next month because of an increase in the prices of selected food items. Which of the following cannot be inferred from the argument?**
- (A) The food prices have already risen sharply.
  - (B) People started rationing their food consumption.
  - (C) Food items claim a majority share of items in CPI.
  - (D) Changes in food prices are quickly reflected in CPI.
- 03. In Bangladesh corruption is a common phenomenon. We have no research findings about why people are involved in corruption. Some might say that the cause of corruption is poverty or lack of proper system or lack of religious education. However, no one can confidently say that this is the only cause of corruption. What can be inferred from the above statements?**
- (A) We are not sure about the causes of corruption, although we have some guess about them.
  - (B) We have no idea about the causes of corruption.
  - (C) Corruption is bad for the society.
  - (D) The causes of corruption are lack of proper system or lack of religious education
  - (E) The causes of corruption is still unknown to us.
- 04. During 2011, advertising expenditures on canned food products increased by 20%, while canned food consumption rose by 25%. Each of the following could help explain the increase in food consumption EXCEPT:**
- (A) Advertising effectiveness increased
  - (B) Canned food prices decreased relative to substitutes
  - (C) Canned food products were available in more stores
  - (D) Can opener production doubled
- 05. Creative question-setting has reduced the memorizing and copying habits of students. This claim is validated by the following EXCEPT:**
- (A) Questions are totally unique and can be answered from knowledge and perception.
  - (B) Invigilators do not stop seeking help by one student from other in the exam hall.
  - (C) The process followed ensures that no question will be set from available printed books and guides.
  - (D) Recent evidence shows that very few students were penalized for copying in the exam hall.
  - (E) Students' exam performance has been improved at a quality level.
- 06. Within 20 years it will probably be possible to identify the genetic susceptibility an individual may have toward any particular disease. Eventually, effective strategies will be discovered to counteract each such susceptibility. Once these effective strategies are found, therefore, the people who follow them will never get sick. The argument above is based on which of the following assumptions?**
- (A) For every disease there is only one strategy that can prevent its occurrence.

- (B) In the future, genetics will be the only medical specialty of any importance.  
 (C) All human sicknesses are in part the result of individuals' genetic susceptibilities.  
 (D) All humans are generally susceptible to some diseases.  
 (E) People will follow medical advice when they are convinced that it is effective

**07. If the level of cholesterol in eggs is higher than in butter and the level of cholesterol in butter is lower than in coconut milk, we can conclude that:**

- (A) Eggs have a lower cholesterol count than coconut milk.  
 (B) Coconut milk and eggs are of the same cholesterol count.      (C) There is no cholesterol in butter.  
 (D) There is cholesterol in all three.      (E) Coconut milk has less cholesterol than eggs.

**08. Although computers can enhance people's ability to communicate, computer games are a cause of underdeveloped communication skills in children. After-school hours spent playing computer games are hours not spent talking with people. Therefore, children who spend all their spare time playing these games have less experience in interpersonal communication than other children have.**

**The argument depends on which of the following assumptions?**

- (A) Passive activities such as watching television and listening to music do not hinder the development of communication skills in children.  
 (B) Most children have other opportunities, in addition to after-school hours, in which they can choose whether to play computer games or to interact with other people.  
 (C) Children who do not spend all their after-school hours playing computer games spend at least some of that time talking with other people.  
 (D) Formal instruction contributes little or nothing to children's acquisition of communication skills.  
 (E) The mental skills developed through playing computer games do not contribute significantly to children's intellectual development

**09. The local board of education found that, because the current physics curriculum has little direct relevance to today's world, physics classes attracted few high school students. So to attract students to physics classes, the board proposed a curriculum that emphasizes principles of physics involved in producing and analyzing visual images. Which of the following, if true, provides the strongest reason to expect that the proposed curriculum will be successful in attracting students?**

- (A) Several of the fundamental principles of physics are involved in producing and analyzing visual images.  
 (B) Knowledge of physics is becoming increasingly important in understanding the technology used in today's world.  
 (C) Equipment that a large producer of photographic equipment has donated to the high school could be used in the proposed curriculum.  
 (D) The number of students interested in physics today is much lower than the number of students interested in physics 50 years ago.  
 (E) In today's world the production and analysis of visual images is of major importance in communications, business, and recreation.

**10. 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 and new ways of providing services and being implemented.**

**Which of the following conclusion can best be drawn from the above passage?**

- (A) An owner of a 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 business.  
 (D) Entrepreneurs are main actors in economic growth.

**11. The exchange rate is the ruling official rate of exchange of currencies between two countries. It determines the value of goods of a country in relation to the value of foreign goods. In case of Bangladesh, if the Taka is devalued in terms of other currencies, exports from Bangladesh become cheaper to the foreigners and imports for Bangladesh become more costly to holders of dollars. Which conclusions can be drawn from the above statement?**

- (A) There are certain disadvantages for the economy of Bangladesh attached to devaluation.  
 (B) The prospect of devaluation results in a speculative outflow of funds.  
 (C) By encouraging exports and discouraging imports, devaluation can improve the balance of payments of Bangladesh.  
 (D) The difference between imports and exports is called the Trade Gap.  
 (E) It is possible that inflation neutralizes the beneficial effects of devaluation.

**Student's Work- 04****Strengthening & weakening the conclusion**

**01. The earth's resources are being depleted much too fast. To correct this, Alpha Country must keep its resource consumption at present levels for many years to come. Which of the following, if true, would most strengthen the argument above?** [Bangladesh Bank-AD, 2011]

- (A) New resource deposits are constantly being discovered  
 (B) Other countries need economic development more than Alpha Country does  
 (C) Alpha Country consumes one-third of all resources used in the world  
 (D) Other countries have agreed to hold their resource consumption at present levels  
 (E) Alpha Country has been conserving resources for several years

**Answer and Explanation :**

পৃথিবীর প্রাকৃতিক সম্পদ সমূহ খুব দ্রুত নিঃশেষ হয়ে আসছে। প্রাকৃতিক সম্পদ সমূহ যেন খুব দ্রুত শেষ না হয় সে জন্য Alpha country-কে প্রাকৃতিক সম্পদের ব্যবহার আগামী বছর গুলিতে বর্তমান সময়ে যতটুকু ব্যবহার করে ঠিক ততটুকু পরিমাণ-ই অব্যাহত রাখতে হবে। প্রশ্নে জানতে চাওয়া হয়েছে যে নিচের কোন উক্তিটি উপরের বক্তব্যের পক্ষে যায়। যেহেতু Alpha country পৃথিবীর সর্বমোট resource-এর এক-তৃতীয়াংশ ব্যবহার করে সুতরাং Alpha country-এর ব্যবহার সীমিত করার ফলে resource ব্যবহারের ভবিষ্যত সম্ভাবনা বেড়ে যাবে। **উত্তর : (C).**

**02. Unless new reserves are found soon, the world's supply of coal is being depleted in such a way that with demand continuing to grow at present rates, reserves will be exhausted by the year 2050.**

**Which of the following if true, will most weaken the above statement?**

- (A) There has been a slowdown in the rate of increase in world demand of coal over the last 5 years from 10% to 5%.  
 (B) It has been known for many years that there are vast stocks of coal under Antarctica, which have yet to be economically exploited.  
 (C) Oil is being used increasingly in place of coal for many industrial and domestic uses.  
 (D) As coal resources are depleted more and more marginal supplies, which are more costly to produce and less efficient in use are being mined.  
 (E) None of the above

**Answer and Explanation :**

(E): A এবং C অনুযায়ী coal এর চাহিদা কিছুটা কমলেও coal যে আর লাগবেই না তা বুঝাচ্ছেন না। আর প্রশ্নানুযায়ী “এই হারে যদি চলতে থাকে” তাহলে ২০৫০ সালের মধ্যে বর্তমান মজুদ নিঃশেষ হয়ে যাবে।

(A)-এর বক্তব্য হচ্ছে গত ৫ বছরে কিছুটা কমেছে। আর পশ্চিমের বক্তব্যটি কিন্তু এই পাঁচ বছরের কথা মাথায় রেখেই করা হয়েছে। অন্যদিকে (C)-তে কয়লার পরিবর্তে যে তেল ব্যবহারের প্রবণতা বাড়ছে এটা ও কিন্তু নতুন ঘটনা নয়। তাই Option গুলির কোনটাই প্রকৃতপক্ষে প্রশ্নে প্রদত্ত বক্তব্যের বিরুদ্ধে যাচ্ছে না।

**তাই সঠিক উত্তর হচ্ছে (E).**

**03. "Price of vegetables is very high in city area in comparison to that in rural area." This claim is weakened by the following facts except:**

[Bangladesh Bank-2010, EMBA Apr-2010]

- (A) There is least demand for vegetable in city area.
- (B) Vegetables are subject to downward price control in city area by the government.
- (C) City dwellers purchase vegetable produced only in the city area.
- (D) Vegetables are mostly common item of every meal of a city dweller.
- (E) Abundantly produced rural vegetable are not allowed to sell in city area.

**Answer and Explanation :**

(A) শহুরে এলাকায় শাক সবজির চাহিদা সবচেয়ে কম- এই বক্তব্য দ্বারা weaken করা যায় কারণ চাহিদা কম হলে দাম বেশী হওয়ার কথা নয়।

(B) সরকার কতক শাক-সবজীর দাম নিয়ন্ত্রণ রাখায় শাক-সবজীর দাম খুব বেশী বন্ধিপেতে পারবেনা।

(C) শহরবাসীরা শুধুমাত্র শহর এলাকায় যে শাকসজি উৎপন্ন হয় তা-ই ক্রয় করে- এটা হলেও দাম বেশী হওয়ার কথা নয়।

(D) প্রত্যেক খাবারের *common item* যে পণ্য তার মূল্য নাগালের মধ্যেই থাকে, খুব দামী হয় না।

(E) এটাই সঠিক উত্তর হবে মানে গ্রাম এলাকায় উৎপন্ন সজি যদি শহুরে প্রবেশে বাধা থাকে তাহলে তার দাম বাড়বে তার মানে প্রশ্নের যুক্তিকে *strengthen* এটি দ্বারা করা যায়।

**04. Mobile phone call rate has been reduced.**

**Which of the following statements will weaken the above claim?**

- (A) Government has imposed a new tax on mobile phone calls.
- (B) Monthly line rent has been imposed on each mobile phone-user irrespective of the type of users.
- (C) Government has withdrawn value added tax on call charge.
- (D) Mobile phone users have doubled recently.
- (E) Price of mobile set has been reduced to one-third of its earlier price.

**Answer and Explanation:**

(A) অর্থাৎ মোবাইল ফোনের *call rate* কমানো হয়েছে। প্রশ্নের statement-কে Answer choice-এর কোনটি দিয়ে weaken বা দুর্বল করা যায় তা বের করতে হবে। (A)-তে, সরকার *mobile* ফোন *call*-এর উপর নতুন কর আরোপ করেছে; নতুন কর আরোপ করলে সেবার দাম বা *call rate* *reduce* না হয়ে বাড়ার কথা। তাই এটি প্রশ্নের statement-এর বিপরীত বলছে বা এটিকে দুর্বল করছে। (B) সব ধরনের *user*-এর *mobile phone*-এ মাসিক *line rent* আরোপ করা হয়েছে, এটি *call rate* কমানোর যুক্তিকে সমর্থন করে কারণ *line rent* আরোপ করলে স্বাভাবিকভাবেই *call rate* কমাতে হয়। (C) সরকার *call charge*-এর উপর থেকে VAT তুলে নিয়েছে, মানে *call rate* কমে যাবে। (D) *mobile phone* ব্যবহারকারীর সংখ্যা দ্বিগুণ হয়েছে, অর্থাৎ *customer* বাড়লে পণ্য বা সেবার মূল্য কমলেও সাবুয়ে লাভই বেশী হয়। কারণ Grameen phone-এর *call rate* (prepaid) প্রথমদিকে 7 টাকা ছিল, বর্তমানে গ্রাহকের সংখ্যা অনেক বেশী হওয়ায় *call rate* কমানোর পরও আগের চেয়ে লাভ বেশী হচ্ছে। এর দ্বারা weaken হলো না। (E) *mobile set*-এর দাম পূর্বের দামের তিনভাগের একভাগ কমে গেছে। অর্থাৎ সব ধরনের আয়ের লোকদের কাছে সহজপ্রাপ্য করার জন্য *call rate* কমানোর সাথে সাথে *set*-এর দাম কমাটা যুক্তিসংগত। তাহলে দেখা যাচ্ছে B, C, D ও E-এর statement দ্বারা প্রশ্নের argument-কে weaken করা যায় না। সুতরাং Answer হবে (A)।

**05. Companies O and P each have the same number of employees who work the same number of hours per week. According to records maintained by each company, the employees of Company O had fewer job-related accidents last year than did the employees of Company P. Therefore, employees of Company O are less likely to have job-related accidents than are employees of Company P. Which of the following, if true, would most strengthen the conclusion above?** [Social Islami Bank- 2010]

- (A) Company P manufactures products that are more hazardous for workers to produce than does Company O
- (B) Company P holds more safety inspections than does Company O.
- (C) Company P maintains a more modern infirmary than does Company O.
- (D) Company O paid more for new job-related medical than did Company P.
- (E) Company P provides more types of health-care benefits than does Company O.

**Answer and Explanation :**

উভয় কোম্পানীর সমান সংখ্যক *employee* আছে যাদের কাজের মোট ঘণ্টার পরিমাণও সমান। গতবছর O-তে job-related দুর্ঘটনা P-র চেয়ে কম হয়েছিল। এজন্যই P-র employee-দের চেয়ে O-এর employee-দের এধরণের দুর্ঘটনায় পরার সম্ভাবনা কম। প্রশ্ন হল, answer-এর কোন্টি উপরের *conclusion* টিকে সবচেয়ে বেশী শক্তিশালী করে মানে এর পক্ষে জোড়ালো সমর্থন দেয়? (a)-তে, কোম্পানী O-এর চেয়ে P-তে এমন পণ্য উৎপাদন হয় যা উৎপাদন করা *worker*-দের জন্য ঝুঁকিপূর্ণ। এটিই P-তে বেশী *accident* ঘটানোর পক্ষে বলছে তার মানে প্রশ্নের *conclusion* (a)-এর বক্তব্য দ্বারা শক্তিশালী হচ্ছে।

**06. Professor Hasan 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. Which of the following, if true, provides support for professor Hasan's proposal?**

[Shahjalal Islami Bank-2011, EMBA Aug-2002]

- (A) Professor Hasan received low ratings from the students.
- (B) Students filled out questionnaires after the midterm exam.
- (C) Students are interested in teacher evaluation
- (D) Teachers are not obligated to use the survey results
- (E) Students evaluation of teachers is voluntary.

**Answer and Explanation :**

The question concerns Professor Hassan's proposal to improve the validity of the method used to measure teacher quality. Alternative (B) supports the proposal. Students relate only partial experience with a teacher if the questionnaires are completed at midterm. Ans. (B);

**07. A judicial order of a few years ago was intended to foster competition in the telephone industry; it was thought that competition would lead to savings for consumers. Long-distance calls made during the day are now cheaper than they were before the order, but the average residential user's charges for long-distance calls have risen by 25%.**

**Which of the following, if true, would most directly explain the higher long-distance charges incurred by residential users?**

[United Commercial Bank, Officer-2011]

- (A) More long distance calls are made by businesses than by residential users.
- (B) Telephone companies are expanding their services in the areas of computing and data processing.

- (C) Rates for calls made during the evening, the time when most residential users make long-distance calls, have increased.
- (D) Increased competition has led telephone companies to expand their budgets for the development of new technology.
- (E) Telephone companies must receive approval from regulatory agencies before putting rate changes into effect.

**Answer and Explanation :**

আদালত কর্তৃক আদেশ নামার মূল অভিপ্রায় ছিল টেলিফোন শিল্পে প্রতিযোগিতা মূলক মনোভাব জিইয়ে রাখা। মনে করা হতো যে, এই শিল্পে প্রতিযোগিতা থাকার ফলে গ্রাহকদের খরচ বাঁচবে। দূরবর্তী স্থানে দিনের বেলায় call খরচ রাখার (order) পূর্বের চেয়ে বর্তমানে কম কিন্তু long-distance-এর কলে residential user-দের গড় কল চার্জ 25% বৃদ্ধি পেয়েছে। প্রশ্ন হল, উপরের বক্তব্যটি যদি সত্য হয় তাহলে, residential user-দের দূরবর্তী স্থানে কলচার্জ বেশী হওয়াটা Answer-এর কোন statement সরাসরি ব্যাখ্যা করে? আমাদের এমন একটি Answer বের করতে হবে যেটি দ্বারা বুঝা যাবে দিনের বেলায় long distance call-এর কারণে গ্রাহকদের খরচ বাঁচলেও অন্য কোন সময়ে call চার্জ অত্যন্ত বেশী হওয়ায় সাকুল্যে গড় চার্জ বেড়ে যায়। (c)-তে পাওয়া যায়; evening-এর সময় যখন বেশির ভাগ আবাসিক গ্রাহকরা long distance call করে তখন কলচার্জ বেশি।

∴ Answer (C).

- 08. At an election rally at the Paltan Maidan, candidate X of Dhaka-10 constituency exclaimed: "Nearly everyone at this rally is behind me. It looks like I am going to be re elected."**

**Which of the following statements, if true, best supports the above conclusion?**

[Standard Bank-2010, IBA MBA-2005, EMBA Oct 2007, EMBA Feb-2003]

- (A) Opponents of candidate X also appeared at the rally,
- (B) The rally was attended by almost all the voters of candidate X's constituency.
- (C) Candidate X was never defeated in the election.
- (D) Candidate X was supported by the DCC Mayor.
- (E) People in this constituency are always led by emotion and cast their votes accordingly.

**Answer and Explanation :**

(B) If the behavior at the rally is indicative of how people will vote and the rally attendance was representative of the voters, then the conclusion is valid. The argument is thus: (1) The rally is representative of all voters. (2) Most at the rally are for me. (3) Most rally attendances will vote for me.

- 09. In 1990, Hotel Seagull earned Tk. 5 million in tourist revenue. By 2000, tourist revenue doubled and in 2010, it reached the sum Tk. 20 million.**

**Each of the following, if true, may explain the trend in tourist revenue except:**

[Bangladesh Bank-AD, 2011 EMBA oct-2005, EMBA oct-2007]

- (A) The number of total hotel rooms has increased
- (B) The number of tourists has increased from 1990 to 2010
- (C) Average stay per tourist has increased
- (D) The average price of tourist services has increased.
- (E) Average expenditure per tourist has increased

**Answer and Explanation :**

Hotel seagull 1990 সালের tourist revenue ছিল 5 million এবং 2000 সালে তা দ্বিগুন হয়ে যায়। 2010 সালে tourist revenue দাঁড়ায় 20 million-এ এই tourist revenue বৃদ্ধি-এর কারণ হিসেবে answer choice গুলো বিবেচনা করলে দেখা যায়- (B)-তে tourist এর সংখ্যা বৃদ্ধির কথা বলা হয়েছে। tourist এর সংখ্যা বৃদ্ধি revenue বৃদ্ধির একটি প্রধান কারণ হতে পারে। (C) যদি tourist-দের হোটেলে অবস্থান এর সময় বৃদ্ধি পায় তাহলে হোটেলের revenue অর্জনের সম্ভাবনাও বাড়ে। (D) যদি প্রতি tourist এর জন্য tourist service বৃদ্ধি পায়

তাহলে একই সংখ্যক tourist এর জন্য revenue বাড়বে। (E) একই কারণে যদি প্রত্যেক tourist খরচ বৃদ্ধি করে তাহলে হোটেল কর্তৃপক্ষ অধিক revenue অর্জন করতে পারে। অর্থাৎ (B), (C), (D), (E) সবগুলোই revenue বৃদ্ধির জন্য সম্ভাব্য কারণ হতে পারে। কিন্তু রচমের সংখ্যা বৃদ্ধি করলে tourist বাড়বে বা revenue বাড়বে তা বলা যায় না। উত্তর: (A)

- 10. A greater number of newspapers are sold in town S than in town T. Therefore, the citizens of town S are better informed about major world events than are the citizens of town T. Each of the following, if true, weakens the conclusion above except :**

[United Commercial Bank-2011, EMBA Apr-2007, EMBA Oct-2009, IBA BBA-2006]

- (A) Town S has a larger population than town T.  
 (B) Most citizens of town T work in town S and buy their newspapers there.  
 (C) The average citizen of Town S spends less time reading newspapers than does the average citizen of town T.  
 (D) A weekly newspaper restricted to the coverage of local events is published in town T.  
 (E) The average price of newspapers sold in town S is lower than the average price of newspapers sold in town T.

**Answer and Explanation :**

বলা হয়েছে, town T থেকে town S এ বেশী সংখ্যক newspaper বিক্রি হয়। সেইজন্য town 'S' এর লোকজন বিশ্বের গুরুত্বপূর্ণ ঘটনাসমূহ সম্পর্কে town 'T' এর লোকজনের চেয়ে বেশী অবগত। নীচের কোন উক্তিটি উপরের বর্ণিত কথাসমূহকে weak করে না। এখানে weak করে না মানে হচ্ছে Against-এ যায় না। (A) Town 'S' এ বেশী লোক তাই বেশী বিক্রি হয়। Town 'T' এ কম লোক তাই কম বিক্রি হয়। সুতরাং 'T' এর লোকজন বেশী জানবে তা নাও হতে পারে - weak করে। (B) 'T' র বেশীর ভাগ লোকজন 'S' এ কাজ করে, তাই তারা পত্রিকাটি ওখান থেকেই কিনে। সুতরাং 'S' এর লোকজন বেশী জানে তা বলা যায় না - weak করে। (C) এখানে বলা হয়েছে 'S' এর লোকজন পড়ে 'T' র লোকজনের চেয়ে পত্রিকা পড়ার পেছনে কম সময় দেয়। ব্যাপারটা এরকম হতে পারে যে, পত্রিকা কিনে ঠিকই কিন্তু পড়ে না ঠিকমতো। তারমানে এখানেও 'S' এর লোকজন বেশী জানে তা বলা যাবে না। weak করল। (D) Town 'S' এ এমন একটি weekly newspaper publish হয় যাতে 'local event' cover করা হয় না। সুতরাং তারা কম জানবে, বেশী জানবে না, weak করে। (E) এখানে বলা হয়েছে যে, 'S' এ যে সমস্ত newspaper বিক্রি হয় তাদের গড় দাম 'T' এর পত্রিকাগুলির চাইতে কম। সুতরাং 'S' এর লোকজন পত্রিকা বেশী কিনবে এবং বেশী জানবে। এই বক্তব্যটি passage এর conclusion কে support করছে। তাই এটিই উত্তর

- 11. Cars are safer than planes. 50% of plane accidents result in death, while only 1% of car accidents result in death.**

**Which of the following, if true, would seriously weaken the argument above?**

- (A) Planes are inspected more often than cars.  
 (B) The number of car accidents is several hundred thousand times higher than the number of plane accidents  
 (C) Pilots never fly under the influence of alcohol, while car drivers often do.  
 (D) Plane accidents are usually the fault of air traffic controllers, not pilots.  
 (E) Planes carry more passengers than car do.

**Answer and Explanation :**

প্রশ্নের বক্তব্য হলঃ Car, Plane-এর চেয়ে নিরাপদ। বিমান দুর্ঘটনার শতকরা 50 ভাগ মানে অর্ধেকের ক্ষেত্রেই মৃত্যুর ঘটনা ঘটে যেখানে car-এর ক্ষেত্রে শতকরা 1 ভাগ এরূপ ঘটনা ঘটে। এই বক্তব্যকে answer choice-এর কোন statement দিয়ে পুরোপুরি weaken বা দুর্বল করা যায় মানে car, plane-এর চেয়ে নিরাপদ নয় তা দেখাতে হবে। Answer choice-গুলো পড়ার আগে একটু চিন্তা করা যাকঃ প্রশ্নে যেহেতু Plane বা Car-এর কোনটি বেশী দুর্ঘটনায় পতিত হয় তার উল্লেখ নেই, তাই যদি দেখানো যায় যে car accident-এর সংখ্যা অনেক বেশী তাহলে 1% death-ই সাকুল্যে plane-এর 50% ঘটনার চেয়ে বেশী হবে এবং car, plane-এর চেয়ে নিরাপদ এই কথাটি weaken করা যাবে। তাহলে Answer

choice-গুলো দেখা যাক। (B)-এর বক্তব্য হল *car accident*-এর সংখ্যা *plane accident*-এর চেয়ে কয়েক হাজার গুণ বেশী। যেমনঃ *plane accident* যদি 10-টি হয় তাহলে 5-টির ক্ষেত্রে মৃত্যুর ঘটনা ঘটবে আর *car accident* যদি  $10 \times 200 \times 1000$  (কয়েকশত হাজার গুণ) হয় তাহলে 1% মানে  $10 \times 200 \times 1000 \times \frac{1}{100}$  বা 20,000-টির ক্ষেত্রে মৃত্যুর ঘটনা ঘটবে। দেখা যাচ্ছে (B)-এর statement দ্বারাই প্রশ্নের argument-কে দুর্বল করা যাচ্ছে বলে Answer হবে (B)।

12. **The measures to control the entry of banned products in Bangladesh did not succeed in 2007. If the measures were successful, the price of most banned products would not have decreased considerably in 2007.** [Bangladesh Bank-2010, EMBA Apr-2010]

**The argument in the passage would be most seriously weakened if it were true that –**

- (A) In 2007 smugglers of banned products had significantly more funds.
- (B) Domestic production of illegal drugs increased considerably in 2007.
- (C) The authors statements were made to embarrass the officials.
- (D) In 2007 banned products entered the country by a different set of routes.
- (E) The country's citizens spent substantially more money on banned products in 2007 than they did in 2006.

**Answer and Explanation :**

বলা হচ্ছে, ২০০৭ সালে দেশের ভিতর অবৈধ ড্রাগ প্রবেশ নিয়ন্ত্রণের যে ব্যবস্থা নেয়া হয়েছিল, সেটি ব্যর্থ হয়। যদি সেই ব্যবস্থাটি সফল হত, তাহলে ২০০৭ সালে বেশিরভাগ অবৈধ ড্রাগের পাইকারী মূল্য উল্লেখযোগ্যভাবে হ্রাস পেত না। নিচের কোনটি সত্য হলে উপরের দাবিকে সবচেয়ে বেশি দুর্বল করে?  
B-তে আছে যে ২০০৭ সালে দেশের ভিতরেই অবৈধ মাদকজাত দ্রব্যের উৎপাদন আশঙ্কাজনক হারে বৃদ্ধি পেয়েছিল। তাহলে দেশের ভিতরেই যদি উৎপাদন হয় তাহলে দেশের বাইরে থেকে মাদক দ্রব্য না আসলেও মাদকের দাম কমে যাবে।

13. **Businesses are suffering because of lack of money available for development loans. To help businesses, the government plans to modify the income-tax structure in order to induce individual tax payers to put a larger portion of incomes into retirement savings accounts, because as more money is deposited in such accounts, more money becomes available to borrowers. Which of the following, if true, raises the most serious doubt regarding the effectiveness of the government's plan to increase the amount of money available for development loans for businesses?** [National Bank Limited-2013]
- (A) When levels of personal retirement saving increase, consumer borrowing always increases correspondingly.
  - (B) The increased tax revenue the government would receive as a result of business expansion would not offset the loss in revenue from personal income taxes the first year of plan.
  - (C) Even with tax incentives, some people will choose not to increase their levels of retirement savings.
  - (D) Bankers generally will not continue to lend money to businesses whose prospective earnings are insufficient to meet their loan repayment schedules.
  - (E) The modified tax structure would give all taxpayers, regardless of their incomes, the same tax saving for a given increase in their retirement savings.

**Answer and Explanation :**

ব্যবসা প্রতিষ্ঠানগুলি উন্নয়ন ঋন না পাওয়ার টাকার অভাবে বিয়িত হচ্ছে ব্যবসা এই সমস্ত প্রতিষ্ঠান গুলিকে সহায়তা করার জন্য সরকার আয়কর কাঠামোকে পুনর্বিন্যাস করার পরিকল্পনা করছে যাতে প্রত্যেক করদাতারা তাদের আয়ের একটা বড় অংশ retirement savings accounts এ জমা রাখতে উৎসাহিত হয়। কারণ যত বেশি টাকা এই accounts জমা হবে তত বেশি টাকা ঋন গ্রহিতারা নিতে পারবে।

নিচের কোন বক্তব্যটি সত্য হলে সরকারের পরিকল্পনাটি কার্যকর হওয়ার ব্যাপারে সন্দেহ দেখা দিবে?

উত্তর হচ্ছে (A) কারণ, এখানে বলা হয়েছে যে, যখন personal retirement savings বৃদ্ধি পায় তখন একই হারে সাধারণ গ্রাহকদের ঋন নেওয়া বৃদ্ধি পায়। এই বক্তব্যটি সঠিক হলে ব্যবসা প্রতিষ্ঠান গুলোতে সহায়তা করার যে পরিকল্পনা সরকারের ছিল তা কার্যকর হবে না। সঞ্চয় এর সব টাকা সাধারণ গ্রাহকদের কাছে চলে যাবে এবং প্রতিষ্ঠানের কোন কাজে লাগবে না।

14. One way to judge the performance of a company is to compare it with other companies. This technique, commonly called "benchmarking," permits the manager of a company to discover better industrial practices and can provide a justification for the adoption of good practices. Any of the following, if true, is a valid reason for benchmarking the performance of a company against companies with which it is not in competition rather than against competitors EXCEPT. [Al Arafah Islami Bank-2011]
- (A) Comparisons with competitors are most likely to focus on practices that the manager making the comparisons already employs.
- (B) Getting "inside" information about the unique practices of competitors is particularly difficult.
- (C) Since companies that compete with each other are likely to have comparable levels of efficiency, only benchmarking against no competitors is likely to reveal practices that would aid in beating competitors.
- (D) Managers are generally more receptive to new ideas that they find outside their own industry.
- (E) Much of the success of good companies is due to their adoption of practices that take advantage of the special circumstances of their products or markets.

### Answer and Explanation :

Benchmarking হলো এমন একটি প্রক্রিয়া যার মাধ্যমে একটি company-এর performance-এর সাথে অন্য কোম্পানিগুলোর performance তুলনা করা হয়। এই প্রক্রিয়ার মাধ্যমে কোম্পানীর manager-রা শিল্পক্ষেত্রে আরও উন্নতর অভ্যাস বা কার্যপদ্ধতি প্রয়োগ ও সেগুলোর কার্যকারিতা যাচাই করতে পারেন। এখানে বলা হয়েছে, যদি একটি কোম্পানী তার প্রতিদ্বন্দ্বি নয় এমন কোম্পানীগুলোর সাথে performance-এর 'benchmarking' করতে চায় তাহলে answer choice-গুলোর মধ্যে কোনটি valid reason হিসেবে বিবেচনা করা যাবে না।

(a) যেহেতু competitor-দের সাথে একটি কোম্পানীর কার্যক্ষেত্রে বেশ মিল লক্ষ্য করা যায় (কারণ হিসেবে বলা যায় তারা same-product বা same type of service-এর জন্য competitive করে) তাই competitor-দের practice গুলো খুব বেশি নতুন কিছু পাওয়া যাবে না। এই statement-এ বলা হয়েছে company-র manager যেসব ক্ষেত্রে তুলনা করবে তার অনেকগুলোই হয়তো তার company-তে কার্যকর আছে। তাই এই statement-এর আলোকে বলা যায়, competitor-দের চাই non-competitor-দের সাথে benchmarking করলে বেশি সুবিধা পাওয়া যাবে। (b) যেহেতু competitor-রা একই product বা service নিয়ে business (same line of business) করে তাই অধিকাংশ ক্ষেত্রেই এরা খুব service হয়। ফলে inside information বা ভেতরের খবর বের করা বা জানা খুব কঠিন হয়ে পড়ে। অনেক ক্ষেত্রে আবার তা আইনত দন্ডনীয়। এই statement-এ তাই উল্লেখ করা হয়েছে কিন্তু non-competitor-রা এতটা service হবে না কারণ যে কোম্পানী benchmarking করতে চাইবে সে যদি non-competitor হয় তাহলে inside information কিছু পরিমাণে provide করলেও market competition-এ কোন প্রভাব ফেলবে না। এবং এতে করে একটি company-র পক্ষে necessary information জানা সহজ হবে। ফলে (b) একটি valid reason হতে পারে। (c) এই statement-টিও অনেকটা আগের statement দুটিই মতই। এখানে বলা হয়েছে, যেহেতু competitor company-গুলোর level of efficiency মোটামুটি একই রকম এবং এ ব্যাপারে লক্ষ্যও কাছাকাছি মানের তাই, non-

competitor company-গুলোর activities এবং practices হতে প্রয়োজনীয় ও অনুকরণীয় কিছু পাওয়া যেতে পারে যা competitor কোম্পানীগুলোকে পিছনে ফেলতে সাহায্য করবে। non-competitor company-দের follow-দের follow করার ক্ষেত্রে এটিও হতে পারে একটি valid reason. (d) Manager-রা যদি তাদের নিজস্ব ক্ষেত্র এর বাহিরে অন্যান্য ক্ষেত্র হতে যেমন non-competitor-দের সাথে benchmarking-এর মাধ্যমে অর্জিত new practice-গুলো adopt করতে পারে তাহলে তা অবশ্যই preferable হবে। তাই (d)-ও একটি valid reason. (e) এই statement-এ বলা হয়েছে, অধিকাংশ company সাফল্য অর্জন করে তাদের নিজস্ব পণ্যের বা market হতে উদ্ভূত যেসব বিশেষ ক্ষেত্র তৈরী হয় সেখান হতে advantage নেয়ার মাধ্যমে। অর্থাৎ competitor-দের সাথে প্রতিযোগিতা করে। এক্ষেত্রে তাদের competitor-দের সাথে benchmarking করতে হবে। তাই এই reason-টি valid নয়। উত্তরঃ (e).

- 15. The price of purchasing a LED television in Bangladesh is 210% higher than the price of purchasing a LED television in Malaysia. Even after transportation fees and tariff charges are added, it is still cheaper for a buyer to import a LED television from Malaysia to Bangladesh than to buy a LED television in Bangladesh.**

**The statements above if true, best support which of the following statements?**

- (A) Importing LED televisions from Malaysia to Bangladesh will eliminate 210% of the sales of LED televisions in Bangladesh
- (B) Cable subscriptions in Malaysia are 2-10% below those in Bangladesh
- (C) The fee for transporting a LED television from Malaysia to Bangladesh is more than 210% of the price of a LED television in Malaysia
- (D) It takes 210% less time to transport a LED television in Malaysia than it does in Bangladesh
- (E) The tariff on a LED television imported from Malaysia to Bangladesh is less than 210% of the price of a LED television in Bangladesh.

**Answer and Explanation :**

প্রশ্ন হল, যদি প্রশ্নের উপরে দেয়া বক্তব্য সত্য হয় তাহলে এটি Answer-এর কোন্ বক্তব্যকে সবচেয়ে জোড়ালো support করে? দেয়া আছে, মালয়েশিয়ার তুলনায় বাংলাদেশে একটি LED TV-র মূল্য 210% বেশী। মানে মালয়েশিয়ায় 100 টাকা হলে বাংলাদেশে হবে 100 + 100 এর  $\frac{210}{100} = 310$ ; তারপর আছে, পরিবহন খরচ ও কর চার্জ করার পরও যদি কেউ মালয়েশিয়া থেকে LED TV আমদানী করে তাহলে বাংলাদেশের মূল্যের চেয়ে তখনও এটির দাম কম পড়বে। মানে (পরিবহন খরচ + কর)-এর পরিমাণ ২১০-এর কম হবে। এবার Answer পড়া যাকঃ (e)-তে, মালয়েশিয়া থেকে বাংলাদেশে আমদানিকৃত LED tv-র উপর tariff চার্জ বাংলাদেশে উক্ত TV-র দামের 210%-এর চেয়ে কম মানে পরিবহন খরচ ও কর মিলিতভাবে 210-এর কমই থেকে যায়।। কাজেই (e)-এর বক্তব্য উপরের argument দ্বারা supported.

- 16. The productivity of food crops per acre doubled, so the total food production in the country has also doubled. Which of the following, if true, will seriously weaken the claim above?**

- (A) The amount of cultivable land has increased.
- (B) The farmers have moved from the cultivation of food crops to that of cash crops significantly.
- (C) The farmers got adequate supply of fertilizers.
- (D) The labor cost did not increase significantly.
- (E) The cost of fertilizer did not increase at all.

**Answer and Explanation :**

একর প্রতি খাদ্যশস্যের উৎপাদনের পরিমাণ (productivity- উৎপাদনশীলতা) দ্বিগুণ হওয়ায়, দেশের food production ও দ্বিগুণ হয়েছে। প্রশ্ন হল, answer-এর কোনটি (যদি সত্য হয়) দিয়ে উপরের বক্তব্যকে দুর্বল করা যায়?

কোন statement-কে দুর্বল করার জন্য বক্তব্যের ত্রুটি বের করতে হয়। এখানে answer choice দেখার আগে প্রশ্নের বক্তব্যের ত্রুটি কি হতে পারে তা বের করা যাক। যেমন-একর প্রতি খাদ্যশস্য উৎপাদন বাড়লেও মোট খাদ্য উৎপাদন নাও বাড়তে পারে যদি ফসল উৎপাদনের জন্য মোট জমির পরিমাণ কমে যায়। এটি একটি দুর্বলতা যা answer-এ গিয়ে (A)-তে পাওয়া যায়। (A)-তে আছে, চাষযোগ্য জমির পরিমাণ বৃদ্ধি পেয়েছে (যার ফলে total food production বৃদ্ধি পেয়েছে)। অর্থাৎ, শুধু একরপ্রতি productivity দ্বিগুণ হওয়ার কারনেই যে total production দ্বিগুণ হয়েছে তা খন্ডন হল, বরং চাষযোগ্য জমি বৃদ্ধি একটি কারণ। ∴

উত্তর : (A).

17. A survey was recently conducted among the high school students of a certain town to measure the effect of environmental factors on attitudes and behavior, and the results indicated that students who play a minimum of two hours per day of violent video games are more likely to engage in violent behavior in school and at home. Therefore, playing violent video games encourages violence among teens.

Which of the following, if true, would most weaken the argument above?

- (A) The same survey was conducted in a neighboring town with similar results.  
 (B) Playing violent video games keeps violent teenagers at home and prevents them from engaging in publicly aggressive behavior.  
 (C) The survey used a standard question format that did not allow students to produce responses that could not be interpreted incorrectly.  
 (D) Students who play violent video games often have a history of behavioral issues leading back to early childhood.  
 (E) The survey was given over a period of days to ensure that all students attending the high school would participate

**Answer and Explanation :**

প্রশ্নে বলা হয়েছে যে violent video games খেললে কিশোর কিশোরীরা সহিংস আচরনে প্ররোচনাবোধ করে। Answer option এর (D) এই কথার বিরুদ্ধে যায় কারণ এখানে বলা হয়েছে যে যারা violent video games খেলে তারা ছোট বেলা থেকেই এইরকম।

18. "The only unemployment problem we have is not that people cannot find work, but that they won't work. Thousands of jobs go begging everyday, but the unemployed are too lazy to go out and find them."

The above argument would be more persuasive if it were established that:

- (A) The majority of available jobs require unusually high levels of skill or experience or both.  
 (B) Unemployed persons tend to be geographically clustered in regions distant from available jobs.  
 (C) Most unemployed persons are back at work within six months.  
 (D) Most unemployed persons do not seek work until their unemployment benefits expire.  
 (E) A high unemployment rate has been fostered by the government in order to control inflation.

**Answer and Explanation :**

statement-টি হল, আমাদের যে বেকার সমস্যাটি আছে তা হল, লোকে কাজ যে পায় না তা নয় বরং তারা কাজ করে না। প্রতিদিন হাজার হাজার চাকরী ঘুরছে কিন্তু বেকাররা এত দুর্বল যে তারা কাজ খোঁজার জন্য বের হয় না। এখন প্রশ্নমতে আমাদেরকে বের করতে হবে যে, Answer choice-এর কোন statement-এর ভিত্তিতে উপরের argument-টি বেশী persuasive (বিশ্বাস জন্মায় এমন)। (D)-তে, অধিকাংশ বেকার লোক তাদের বেকার ভাতার মেয়াদ শেষ না হওয়া পর্যন্ত চাকরী খোঁজে না। এই statement-টি প্রশ্নের argument-কে অর্থাৎ বেকারদের কাজ না করা, অলসতার কারণে কাজ না খোঁজার argument-কে বেশী support করে যা, (A), (B), (C) ও (E)-এর statement থেকে পাওয়া যায় না।

সুতরাং উত্তর হবে (D)।

**19. Team plays, like football, display strong socialist tendencies in their requirement of individual subordination to the authority of coaches and managers.**

**Which of the following may be inferred from the above information?**

- (A) All team sports are authoritarian.
- (B) All team players are subordinate to their coaches.
- (C) All team sports have socialist tendencies.
- (D) Individual subordination to authority is an aspect of socialism.
- (E) Without employee subordination to managerial authority, production for profit would not be possible

**Answer and Explanation :**

(D) দলগত খেলাগুলো যেমনঃ ফুটবল তীব্র সমাজতান্ত্রিক প্রবণতা প্রদর্শন করে এই দিক দিয়ে যে, (এই খেলাগুলোতে) কোচ ও ম্যানেজারদের কর্তৃত্বের কাছে ব্যক্তির অধীনতা/ বশ্যতা হলো আবশ্যিকীয়। তার মানে, ফুটবল, হকি প্রভৃতি দলগত খেলায় কোনো খেলোয়াড়ই তার ব্যক্তি - স্বাধীনতা প্রয়োগ করতে পারে না, বরং দলের স্বার্থে কোচ এবং ম্যানেজারের কর্তৃত্বের কাছে অর্থাৎ তাদের আদেশ-নিষেধের কাছে প্রত্যেকটি খেলোয়াড়কেই নিজেদের স্বকীয়তাকে দমন বা বিলীন করতে হয়। আর, দলের স্বার্থে অর্থাৎ বৃহত্তর স্বার্থে ক্ষুদ্রতরকে বিসর্জন দেয়া হলো এক ধরনের *socialist tendency*। ∴ বোঝা যাচ্ছে, *socialism* (সোশালিঝম)-এর একটি *aspect* (অ্যাস্পেক্ট - বৈশিষ্ট্য/দিক) হলো *individual subordination to authority*। ∴ উত্তর

(D).

**20. Many more people who smoke develop lung cancer than do those who do not smoke. In the face of this evidence, how could a cigarette company representative argue against the conclusion that cigarette smoking cause lung cancer? To answer the question, the representative could most likely say that –**

- (A) Many things might cause cancer. [Agrani Bank Officer- 2011]
- (B) A single cause may be responsible for both smoking and cancer.
- (C) People have the right to endanger them-selves, if they choose to do so.
- (D) People may breathe die, but no one accuses breathing of causing death.
- (E) People will smoke anyhow, regardless of the evidence.

**Answer and Explanation :**

সিগারেট কোম্পানির প্রতিনিধি যদি বলে যে অনেক কারনেই তো ক্যান্সার হতে পারে যেমন খাবারের ভেজাল, অনিয়ন্ত্রিত জীবণ যাপন ইত্যাদি।

অর্থাৎ “many things might cause cancer.

∴ Answer : (A).

**21. A larger number of newspapers are purchased by the citizens of Dhaka city than those of Chittagong city. Therefore, the citizens of Dhaka city are better in formed about major world events than those of Chittagong city. Each of the following, it true, weakens the conclusion above except:**

- (A) Dhaka city has a larger population than Chittagong city.
- (B) Most citizens of Chittagong city work in Dhaka city and buy newspapers there.
- (C) The average citizen of Dhaka city spends less time in reading newspapers than does the average citizen of Chittagong city.
- (D) A weekly newspaper restricted to the coverage of local events is published in the Dhaka city.

(E) The average newsstand price of newspapers sold in Dhaka city is lower than the average price on newspapers sold in Chittagong city.

**Answer and Explanation :**

ঢাকায় *newspaper* চট্টগ্রামের চেয়ে বেশি বিক্রি হয়, সুতরাং ঢাকার মানুষ বিশ্ব পরিস্থিতির খবর বেশি রাখে - এই কথাটার বিরুদ্ধে যায় (E) ছাড়া অন্য সবগুলো। ∴ Answer (E).

**22. Although air pollution was previously thought to exist almost exclusively in our nation's cities, the recent increase in the number of persons suffering from illnesses attributed to excessive air pollution leaves us no choice but to conclude that other, nonurban areas are now affected. Which of the following, if true, would most seriously weaken the conclusion of the argument above?**

- (A) The nation's cities have seen a marked decrease in levels of air pollution.
- (B) The nation has experienced a sharp decrease in the number of people moving out of its cities.
- (C) Illnesses due to air pollution are among the least common causes of death to urban dwellers.
- (D) Many illnesses previously thought unrelated to air pollution are now considered to be caused by it.
- (E) As a result of the problems in urban areas, nonurban areas have passed strict pollution control measures.

**Answer and Explanation :**

পূর্বে যদিও এটা মনে করা হতো যে, বায়ুদূষণ শুধুমাত্র আমাদের শহরগুলিতেই হয় কিন্তু বায়ুদূষণ জনিত অসুস্থ ব্যক্তির সংখ্যা ইদানিং বেড়ে যাওয়ায় এটাই বলতে হচ্ছে যে শহরের বাইরে অন্যান্য অঞ্চল বর্তমানে বায়ুদূষণে আক্রান্ত। তাহলে উপরের argument-এর *conclusion* -কে answer-এর কোনটির বক্তব্য দ্বারা জোড়ালোভাবে দুর্বল করা যায়? আমাদের এমন একটা বক্তব্য খুঁজতে হবে যেখানে *urban* অঞ্চলের *pollution*-কেই দায়ী করা হবে। answer-গুলো পড়ে দেখা যায় (D)-এর বক্তব্য দ্বারা *weaken* করা যায়। অর্থাৎ, পূর্বে বায়ুদূষণ বা *air-pollution*-এর সাথে সম্পর্কহীন বলে মনে করা অনেক রোগকেই বর্তমানে *air-pollution*-জনিত বলে বিবেচনা করা হয়। তার মানে রোগীর সংখ্যা বেড়ে যাওয়াটা শহরের *pollution*-জনিতই হতে পারে। ∴

**Answer হল (D).**

**23. Insurance company X is considering issuing a new policy to cover services required by elderly people who suffer from diseases that afflict the elderly. Premiums for the policy must be low enough to attract customers. Therefore, company X is concerned that the income form the policies would not be sufficient to pay for the claims that would be made.**

**Which of the following strategies would most likely minimize company X's losses on the policies?**

[Al Arafah Islami Bank- 2006, Standard Bank-2011, EMBA Dec 2004, EMBA Dec 2003, EMBA Feb-2002]

- (A) Attracting middle-aged customers unlikely to submit claims for benefits for many years
- (B) Insuring only those individuals who did not suffer any serious diseases as children
- (C) Including a greater number of services in the policy than are included in other policies of lower cost
- (D) Insuring only those individuals who were rejected by other companies for similar policies
- (E) Insuring only those individuals who are wealthy enough to pay for the medical services.

**Answer and Explanation :**

X নামক একটি insurance কোম্পানী একটি নতুন policy-র কথা ভাবছে যার-মাধ্যমে বৃদ্ধ অবস্থায় মানুষ যে ধরনের রোগে আক্রান্ত হয়, সেই ধরনের রোগের Against-এ service cover করবে। সেই জন্য কিস্তির টাকা (premium) অবশ্যই কম করা লাগবে যাতে customer-রা আগ্রহী হয়। Company -x দুশ্চিন্তা- গ্রস্থ এই জন্য যে claim পরিশোধ করার যে পরিমাণ টাকা দরকার হবে ঐ পরিমাণ টাকা তো policy থেকে আয়-ই হবে না। প্রশ্ন হচ্ছে নীচের কোন কৌশলটি company 'x' এর loss কমাতে পারে। Company 'x' যদি মধ্যবয়সী লোকদেরকে তাদের client বানাতে পারে, যারা অনেক দিন পর্যন্ত claim করবে না। এটা সঠিক এই জন্য যে, মধ্যবয়সী লোকেরা যদি এই policy গ্রহণ করে তাহলে অনেক দিন যাবৎ তারা premium এর টাকা পরিশোধ করবে এবং এতে করে company-ই লাভবান হবে। ∴ Answer is A.

**Related Test****Try Yourself**

01. কাজাখস্থানে একটি গাড়ির ক্রয়মূল্য লাটভিয়ায় প্রাপ্ত একই গাড়ির ক্রয়মূল্যের চেয়ে ৩০ শতাংশ কম। শুল্ক ও পরিবহন বাবদ খরচের পরও লাটভিয়ার একজন ভোক্তার নিজ দেশ থেকে গাড়িটি ক্রয় করার চেয়ে কাজাখস্থান থেকে গাড়িটি আমদানী করতে খরচ কম পড়ে।  
 উপরের বক্তব্যটি যদি সত্য হয় নিচের কোনটি অবশ্যই হবে?  
 (A) কাজাখস্থানে জ্বালানী তেলের মূল্য লাটভিয়ায় জ্বালানী তেলের মূল্যের চেয়ে ৩০ শতাংশ কম।  
 (B) কাজাখস্থান থেকে লাটভিয়ায় গাড়ি আমদানী করলে লাটভিয়ায় গাড়ির উৎপাদন ৩০ শতাংশ কমে যাবে।  
 (C) কাজাখস্থান থেকে লাটভিয়ায় গাড়ি আমদানী করলে যে শুল্ক দিতে হয় তা লাটভিয়ায় গাড়ির ক্রয়মূল্যের ৩০ শতাংশের চেয়েও কম।  
 (D) কাজাখস্থান থেকে লাটভিয়ায় গাড়ি রপ্তানী করতে ৩০ দিনের বেশী সময় লাগে।
02. **A company is considering changing its policy concerning daily working hours. Currently, this company requires all employees to arrive at work at 8 a.m. The proposed policy would permit each employee to decide when to arrive- from as early as 6 a.m. to as late as 11 a.m. The adoption of this policy would be most likely to decrease employees' productivity if the employees' job functions required them to -**  
 (A) Work without interruption from other employees  
 (B) Consult at least once a day with employees from other companies  
 (C) Submit their work for a supervisor's eventual approval  
 (D) Interact frequently with each other throughout the entire workday  
 (E) Undertake projects that take several days to complete
03. **Many companies now have employee assistance programs that enable employees, free of charge, to improve their physical fitness, reduce stress, and learn ways to stop smoking. These programs increase worker productivity, reduce absenteeism, and lessen insurance costs for employee health care. Therefore, these programs benefit the company as well as the employee. Which of the following, if true, most significantly strengthens the conclusion above?**  
 (A) Physical fitness programs are often the most popular services offered to employees.  
 (B) Studies have shown that training in stress management is not effective for many people.  
 (C) Regular exercise reduces people's risk of heart disease and provides them with increased energy.  
 (D) Physical injuries sometimes result from entering a strenuous physical fitness program too quickly.  
 (E) Employee assistance programs require companies to hire people to supervise the various programs offered.
04. **Unlike the wholesale price of raw wool the wholesale price of raw cotton has fallen considerably in the last year. Thus, although the retail price of cotton clothing at retail clothing stores has not yet fallen, it will inevitably fall.**  
**Which of the following, if true, most seriously weakens the argument above?**  
 (A) The cost of processing raw cotton for cloth has increased during the last year.  
 (B) The wholesale price of raw wool is typically higher than that of the same volume of raw cotton.  
 (C) The operating costs of the average retail clothing store have remained constant during the last year.  
 (D) Changes in retail prices always lag behind changes in wholesale prices.  
 (E) The cost of harvesting raw cotton has increased in the last year.
05. **Recently a court ruled that current law allows companies to reject a job applicant if working in the job would entail a 90 percent chance that the applicant would suffer a heart attack. The presiding judge justified the ruling, saying that it protected both employees and employers.**  
**The use of this court ruling as part of the law could not be effective in regulating employment practices if which of the following were true?**

- (A) The best interests of employers often conflict with the interests of employees.
- (B) No legally accepted methods exist for calculating the risk of a job applicant's having a heart attack as a result of being employed in any particular occupation.
- (C) Some jobs might involve health risks other than the risk of heart attack.
- (D) Employees who have a 90 percent chance of suffering a heart attack may be unaware that their risk is so great.
- (E) The number of people applying for jobs at a company might decline if the company, by screening applicants for risk of heart attack, seemed to suggest that the job entailed high risk of heart attack.

**06. Opponents of laws that require automobile drivers and passengers to wear seat belts argue that in a free society people have the right to take risks as long as the people do not harm the others as a result of taking risks. As a result, they conclude that it should be each person's decision whether or not to wear a seat belt.**

**Which of the following, if true, most seriously weakens the conclusion drawn above?**

- (A) Many new cars are built with seat belts that automatically fasten when someone sits in the front seat.
- (B) Automobile insurance rates for all automobile owners are higher because of the need to pay for the increased injuries or deaths of people not wearing seat belts.
- (C) Passengers in airplanes are required to wear seat belts during takeoffs and landings.
- (D) The rate of automobile fatalities in districts that do not have mandatory seat-belt laws is greater than the rate of fatalities in districts that do have such laws.
- (E) In automobile accidents, a greater number of passengers who do not wear seat belts are injured than are passengers who do wear seat belts.

**07. Time and again it has been shown that students who attend colleges with low faculty/student ratios get the best rounded education. As a result, when my children are ready to attend college, I'll be sure they attend a school with a very small student population. Which of the following, if true, identifies the greatest flaw in the reasoning above?**

- (A) A low faculty/student ratio is the effect of a well-rounded education, not its source.
- (B) Intelligence should be considered the result of childhood environment, not advanced education.
- (C) A very small student population does not, by itself, ensure a low faculty/student ratio.
- (D) Parental desires and preferences rarely determines a child's choice of a college or university.
- (E) Students must take advantage of the low faculty/student ration by intentionally choosing small classes.

**Q. 08 - 11 : "Micro Finance Institutions claimed that poverty had reduced by 30% in their area of operations and thus their programs had been effective for poverty alleviation."**

**08. Which of the following will strengthen the statement above most?**

- (A) MFIs showed significant increase in revenues over expenditures over last few years.
- (B) MFI member-borrowers earned significantly higher income than non-member poors in the same area.
- (C) MFIs have been expanding their area of operations very fast.
- (D) MFIs are mobilizing huge savings from their members.
- (E) Other developing countries are taking interest in the idea of MFI.

**09. Which of the following will weaken the statement above most?**

- (A) MFIs spend a huge amount of administrative expenses, which may jeopardize its sustainability.
- (B) MFIs do not operate in many poverty-stricken vulnerable areas.
- (C) Poverty in areas not covered by MFIs also declined by 30%
- (D) MFIs charge high rate of interest to their borrowers
- (E) Donor agencies may not continue to provide funds to MFIs in the long run.

10. Which of the following best completes the passage below?

In a survey of job applicants, two-fifths admitted to being at least a little dishonest. However, the survey may underestimate the proportion of job applicants who are dishonest, because –

- (A) Some dishonest people taking part in the survey might have claimed on the survey to be honest.
- (B) Some generally honest people taking the survey might have claimed on the survey to be dishonest.
- (C) Some people who claimed on the survey to be a little dishonest may be very dishonest.
- (D) Some people who claimed on the survey to be dishonest may have been answering honestly.
- (E) Some people who are not job applicants are probably a little dishonest.

11. Dolly has just passed her 108<sup>th</sup> birthday. She thinks she lived long years due to her habit of drinking a double shot of whiskey each night and smoking there cigars each morning. Which of the following statements contradict the thinking of Dolly?

- (A) Smoking has been proved to be a causative factor in several life threatening diseases.
- (B) Other factors besides those mentioned may have caused her to live 108 years.
- (C) Not all centenarians drink alcohol and smoke tobacco.
- (D) Dolly should not be consuming the substances mentioned without medical advice.
- (E) Alcohol has been shown to kill brain cells.

**Question Bank****All Question - 2017****Islami Bank Ltd (PO)- March 2017**

01. A forest has as many Sundari trees as it has Jarul trees. Three-fourths of the trees are old and half on the trees are the flowering stage. Which of the following must be true?

- a) All Jarul trees are at the flowering stage
- b) All Sundari trees are at the flowering stage
- c) At least one-fourth of the Jarul Trees are old
- d) One half of the Sundari Trees are at the flowering state.

02. Many creative persons become artists. What conclusion can be derived from the above statement?

- a) A creative person will certainly become an artist
- b) It is not possible to become an artist without creativity
- c) Some artists are creative persons
- d) A high level of creativity is needed to become an artist

03. Blocks of buildings of a five star hotel in Dhaka range from three to five stories in height. If a guest room is above the first floor, it has a fire escape. If the above statements are true, which of the following must also be true?

- a) First-floor rooms in the hotel do not have fire escape
- b) Some building of the hotel have no fire escapes.
- c) Not all five star hotels have proper fire escapes.
- d) Second-floor guest rooms in the hotel have fire escapes.

**IFIC Bank Ltd (MTO)- June 2017**

01. Jasim is shorter than Joli but taller than anika. Dina is shorter than Jasim. Malek is shorter than Joli but taller than Tasmin. Who is the tallest in terms of height?

- a) Tasmin
- b) Joli
- c) Anika
- d) Dina

**UCBL (MTO)- June 2017**

02. P is taller than D. G is taller than P but younger than D. Who is the shortest?

- a) P
- b) D
- c) G
- d) None of these

**Al-Arafa Islami Bank Ltd (MTO)- September 2017**

Questions 7 to 10: In each of the questions below, there is a sentence of which some parts have been jumped up. Rearrange these parts which are labeled P.Q.R and S to produce the correct senence.

**01. All such students:**

P : get success

R : 2nd recognition

a) SPRQ

b) PRQS

Q : who are honest and hard-working

S : in every walk of life

c) QPRS

d) PSRQ

e) None the these

**02. The appearance**

F : dinosaurs were at their peak

R : at the time when

a) SPRQ

b) PRQS

Q : of the first mammals on the earth

S : went almost unnoticed

c) QRPS

d) PSRQ

e) None the these

**03. In the darkness**

P : the long, narrow beard

R : the tall stooping figure of the doctor

a) RQPS

b) PRQS

Q : was clearly visible with

S : and the quiline nose

c) QRPS

d) PSRQ

e) None the these

**04. I read an advertisement that said**

F: posh, ari-coditioned

R: are available for

a) SPQR

b) QSRP

Q: gentlemen of taste

S: Fully furnished rooms

c) PSRQ

d) QFSR

e) PQRS