

CRITICAL REASONING

EXERCISE 1 (LEVEL 1)

Directions for questions 1 to 15: Select the correct alternative from the given choices.

1. If statistics are anything the go by, women far out-number men on the rolls of rural BPOs. Most companies admit that women bring stability to the work environment, which, in turn, helps curb attrition. Many homemakers also form a large untapped but cost effective talent pool. By employing rural women, companies are also playing a role in empowering them. It also helps them cut cost of operations and attrition, besides curbing migration to over crowded cities. Which of the following, though true, is not a reason why BPOs, find employing women to be in their own interest?
 - (a) Women score over men in terms of their open mindedness and attitude, willingness to learn.
 - (b) Attrition rate among women is low at 5% as they are family oriented and tend to be with the family.
 - (c) Unlike men, they do not consider the BPOs as training ground for better jobs.
 - (d) Most of the rural BPOs work 9 to 5, a convenient time for women.
2. A school wrote the following letter to a job applicant:

Thank you for your application. Unfortunately, we are unable to offer you a position in our institution. As you know, funding for schools is limited, and it is not possible for us to offer jobs to all those who want them. Consequently, we are forced to reject many highly qualified applicants. Which of the following can be inferred from the letter?

 - (a) The vacancies in the school were fewer than the number of applicants.
 - (b) The applicant who received the letter was considered highly qualified.
 - (c) The funding the school receives is inadequate to meet its needs.
 - (d) The application of the person who received the letter was considered carefully before being rejected.
3. In many accidents, the driver of the bus or the lorry involved deserts the vehicle and absconds. The fact that they run away clearly shows that they are guilty of having caused the accident.

Which of the following weakens the above argument the most?

- (a) The fact that the vehicle is over crowded or overloaded and the driver's lateral view blocked is seldom considered.
- (b) The drivers do not have faith in the judicial principle that one is innocent until proved guilty.
- (c) The owners of such vehicles abandon erring drivers even when they have served for long.
- (d) When an accident arouses people's feelings, they vent their ire on the driver even before ascertaining the cause of the accident.

Note: Questions 4 and 5 are based on the following information.

The earth's resources are being depleted at an alarming rate. If all the people in the world followed the lifestyle and consumption pattern of the people in the US, we would need 7 earths to meet their resource requirement.

4. The argument above assumes that:
 - (a) New resource deposits are constantly being discovered.
 - (b) The per capita resource consumption by the United States is the highest in the world.
 - (c) The United States consumes one third of all resources used in the world.
 - (d) The United States uses resources wastefully.
5. It can be inferred from the above that:
 - (a) Curbing US resource consumption will significantly retard world resource depletion.
 - (b) All the people in the world will not follow the US consumption pattern.
 - (c) The US uses more resources than any other country.
 - (d) Per capita resource consumption in the US is at an all time high.
6. Latest trends in dietary habits show that more and more people are switching over from non-vegetarian foods to vegetarian foods. Vegetarian food is found to be cheaper than non-vegetarian food. Hence as more and more people take to vegetarian food, the relative expenditure of households is likely to show a drastic cut in due course.

Which of the following, if true, could weaken the prediction?

 - (a) The trend towards vegetarianism is not uniformly witnessed across all nations.

- (b) Price of any food always shows an upward trend.
 (c) The rate of price increase is the same in vegetarian and non-vegetarian foods.
 (d) Demand always pushes up the prices of any commodity.
7. E-governance, as a concept, is all set to storm various states across India. Whether it is driven by the spirit of competition from other states or is due to pressure from the centre, the state government of Haryana seems quite eager to facilitate the e-transition of Haryana by providing critical infrastructure, systems framework and an enabling environment. The various projects can, if run effectively, go a long way in improving the lives of villagers. It is still too early to say if this initial euphoria will last.
- Which of the following, if true, would justify the validity of the doubt expressed?
- (a) The various services mentioned, can give villagers and rural youth employment opportunities at their doorstep, within six months of the implementation of the policy.
 (b) The earmarking of nearly 5% of the budget and Central government approval is underway for these policies, which will enable the structural implementation of e-governance by the year 2005.
 (c) Among the most flourishing states of Northern India, Haryana has a string of achievements that speaks of its contribution to the country's progress, be it industrialisation or the Green Revolution.
 (d) The policies look fairly good on paper but there is an overwhelming need for the authorities implementing them to comprehend these objectives and execute them speedily, to ensure positive results.
8. The introduction of an anti-depressant, 'paxil', has worked wonders on the problem of social-anxiety disorder. Paxil does not eliminate the problem but controls it long enough for corrective therapy to be used. Doctors worldwide have advocated the use of paxil for the treatment of anxiety.
- Which of the following cannot be concluded from the argument?
- (a) Paxil cannot treat the problem of anxiety.
 (b) Paxil must be used along with therapy for effective results.
 (c) Social anxiety is merely one form of anxiety.
 (d) Controlling of anxiety does not guarantee a cure.
9. It makes no sense that in most places 15-year-olds are not eligible for their driver's license while people who are far older can retain all of their driving privileges by simply renewing their license. If older drivers can get these renewals, often without having to pass another driving test, then 15 years olds should be eligible to get a license.

Which of the following strengthens the above conclusion?

- (a) Older people are averse to risk-taking and so make careful drivers.
 (b) The opinion that youngsters are rash is widespread but is not based on facts.
 (c) Youngsters recover from injuries faster than older people.
 (d) Teenagers have much better eyesight, hand-eye coordination and quicker reflexes than older people.
10. As the world's richest nations debate how to bring a catastrophic financial crisis under control, international groups are warning that its reach now goes far beyond the developed world. Poor countries in Africa, Asia and Latin America, which are already dealing with a surge in food and energy prices, are now finding it hard to sell goods abroad and encourage investment in their economies.
- Which of the following is, according to the passage, not a likely consequence of the financial crisis in the developed countries?
- (a) The lack of investment could lead to a rash of bank and business failures in poor nations.
 (b) The World Bank has tentatively cut its forecast for growth in developing countries to 4% down from an earlier prediction of 6 6%.
 (c) High food prices have sparked riots in a dozen countries and threatened to plunge hundreds of millions of people back into poverty.
 (d) The slowdown in poor nations is sharp and likely to lead to a recession.
11. The Beauty industry seems to be one of the few industries that have braved the recent global meltdown. Unscathed by the financial turmoil, this industry seems to be prospering and is on the threshold of a boom.
- All of the following could account for the unique position of the Beauty industry EXCEPT
- (a) The global meltdown has made people price sensitive but they are unwilling to compromise on health-related issues.
 (b) Increased awareness inspires people to undergo therapies as part of daily routine.
 (c) The global slowdown will not stop people from wanting to look good.
 (d) The beauty salon industry in India has a wide variety—organized and unorganized, large and small - we have them all.
12. Most of the reputed schools in the city boast of a high teacher-student ratio in their institutions which, according to them, results in better attention paid to individual students. Hence it is advisable for parents of children who need personal attention to admit them in schools with large teacher strength.
- Which of the following, if true, brings out the flaw in the above argument?
- (a) Better education depends on what is taught and not on who teaches.
 (b) Such schools often have very large student strength.

- (c) Parents are often not in a position to decide on the school where their children are to be admitted.
- (d) The fees in such schools are exorbitant and beyond the means of many parents.
13. Scientists engaged in the study of snakes repeatedly aver that nearly ninety nine per cent of the varieties of snakes are non-poisonous. Hence the general fear that grips most people at the sudden sight of a snake is totally uncalled for.
- Which of the following, if true, would help counter the above conclusion?
- (a) Studies reveal that snakes harm people only when they are harmed by them.
- (b) Common people cannot easily distinguish between a poisonous and a non poisonous snakes.
- (c) Poisonous snakes rarely venture into the open, unlike the others.
- (d) The bite of a poisonous snake is always fatal.
14. Surveys on the eating habits of South Indians have thrown up quite a few surprises. While the number of dosas sold have increased by 11 %, the number of pizzas sold have increased by a whopping 165%. The above clearly indicates a strong shift in eating

preferences from dosas to pizzas. Which of the following illustrates the absurdity of the argument above?

- (a) A majority of the pizzas sold in South India are vegetarian.
- (b) The growth in percentage of pizzas eaten was over a very small base (of last year).
- (c) Pizza growth of last year over year before 'ast was just 3%.
- (d) Dosas are still eaten mainly for breakfast whereas Pizzas are eaten throughout the day.
15. I know that it is wrong to cheat on taxes; but everybody does it, so why shouldn't I? Which of the following is similar in logical structure to the argument above?
- (a) I know that it is wrong to drink and drive, but I am not harming anyone; so it is acceptable.
- (b) I know that it is wrong to evade customs, but its for personal use and hence it is not illegal.
- (c) I know that its against the rules to steal; but I won't get caught; hence I will continue stealing.
- (d) I know that it is illegal to cheat in the exams but why shouldn't I when everybody else does that?

EXERCISE 2 (LEVEL 2)

Directions for questions 1 to 20: Select the correct alternative from the given choices.

1. Bike major TVS is cruising at top speed on the e-choupal - ITC's unique farmer-linked distribution highway. What started out as a rural connect initiative for TVS has turned out to be the sales channel that accounts for the highest offtake of bikes. Sales buoyancy for TVS through the e-choupal distributorship, has shown an 8% growth last year against the overall negative growth in the two wheeler market.
- Which of the following points to its being a win-win situation?
- (a) TVS gains penetration in parts of rural India it had no access to and ITC's e-choupal strengthens its distribution model.
- (b) The e-choupal which distributes products as diverse as seeds to mobile phones is throwing up big numbers in mature categories.
- (c) The ITC sanchalaks (managers) act as brand ambassadors - the e-choupal's role is about referring potential customers and enabling informed choices.
- (d) While the rural folk discover the joys of increased mobility, TVS would further use this model for test marketing of new bikes, deeper understanding of rural markets and for product innovation and modifications.
2. At one time America and the erstwhile USSR used to lead the medal tally in the Olympics. Other countries could only " think of vying for the third place and that too by a wide margin. But in the recently concluded Beijing Olympics, Chinese

athletes outperformed the competition in a number of sports. Whether it was national pride or playing on home turf. China's claim for the super power status in sports was established.

All but one of the following helped to support the claim above. Identify the one.

- (a) China became the only country—since the distintegration of the USSR—to record a haul of over 50 gold medals at Beijing.
- (b) China has always been a force to reckon with where gymnastics is concerned.
- (c) Today there is unanimity of opinion that the XXIX Olympics games (Beijing) was the best ever conducted.
- (d) In all, 958 medals were up for grabs and China secured a hundred of those.

Note: Questions 3 and 4 are based on the following information.

In the land of the Mahatma the value of truth cannot be overestimated. Nevertheless political parties resort to a campaign of disinformation about key figures in the opposition. In a disinformation campaign untruths are disseminated through gullible local journalists in order to damage the image of the opposition. Those who defend this practice say that lying is necessary to counter the other party's disinformation. They proffer the parallel that one must use violence to put down violence. I would like to point out that the Mahatma found non-violence to be a better weapon.

3. On which of the following does the author of the above passage base his conclusion?
- (a) An appeal to the authority of the Mahatma.

- (b) An analogy between non-violence and truth.
 (c) A circular definition of 'disinformation'.
 (d) An example of the ineffectiveness of violence as a weapon.
4. The author's main point is that:
 (a) India's moral standing depends on its adherence to the truth.
 (b) The ruling party's disinformation has done little to damage the opposition.
 (c) Disinformation campaigns do not effectively serve the purposes of the political parties.
 (d) The temporary political gains produced by disinformation campaigns generally give way to long term losses.
5. Genetically Modified (GM) crops have been modified to secrete chemicals that kill pests or make the plants tolerant to herbicides. So introducing GM crops in a community conscious of the presence of chemicals in food can most logically be expected to
 (a) prompt consumers to consume products that have been grown organically, that is with naturally occurring manure.
 (b) appeal more to farmers than to consumers.
 (c) lead to larger destruction of crops other than GM.
 (d) make the use of pesticides redundant.
6. The human digestive tract is a complex system that depends on billions of bacteria that contribute to the digestive process. Antibiotics, the medicines that are taken while suffering from fever, kill both dangerous and good bacteria in the digestive system. Patients of competent doctors, however, do not need to worry about this.
 Which of the following, if true, would the patient be depending on.
 (a) Doctors are able to distinguish between bacteria which are helpful in the proper functioning of the body and those which are harmful.
 (b) Doctors always prescribe a diet regimen of easily digestible food when patients are under medical treatment.
 (c) Viruses which cause fever kill benevolent bacteria in the body.
 (d) Doctors pick antibiotics which are not likely to have undesirable side effects.
7. Carbon dioxide is not the only green house gas that worries climate scientists. Levels in the air, of two other potent gases-methane and nitrogen trifluoride-have been on the rise in the past couple of years, and that has got scientists concerned about accelerated global warming.
 Which of the following, if true, would justify the apprehension of the climate scientists?
 (a) The global warming effects of methane and nitrogen trifluoride pale in comparison to those of carbon dioxide.
 (b) Methane emanates from ancient plants and nitrogen trifluoride from factories using flat panel screen technology.
- (c) While rise in levels of methane and nitrogen trifluoride in the atmosphere have been occurring for the past many years the rise has been detected only recently.
 (d) The levels of methane and nitrogen trifluoride have not been taken into account while predicting the global warming levels and initiating remedial measures.
8. Some states have enacted laws prohibiting the manufacture and sale of country liquor as many poor people die after consuming it. These laws have clearly been effective in preventing access to such liquor. Hence, all states should consider enactment of such laws.
 Which of the following, if true, would most strongly refute the given claim?
 (a) Sometime back when the Andhra Pradesh government implemented such laws people started procuring it from neighbouring states, which do not have such laws.
 (b) Such laws have been enacted earlier and this resulted in lower revenues for the state.
 (c) Many policemen who are supposed to enforce these laws enjoy drinking liquor.
 (d) When there is a ban on the manufacture and sale of country liquors, there is a spurt in the demand for illegal intoxicants which are more lethal.
9. After studying data over a five-year period, the police found that eighty per cent of the accidents that took place in Kambaktur occurred at crossings where there was no traffic constable. The police concluded that the presence of a traffic constable is an effective deterrent to rash driving.
 The conclusion reached by the police presupposes which of the following?
 (a) Drivers enter a particular lane or take a particular route when they are sure that there is no traffic constable.
 (b) Drivers can make out whether or not a particular crossing has a traffic constable.
 (c) Accidents are caused mainly through rash driving.
 (d) Rash driving takes place when there is no traffic constable in sight.
10. Timpany school, a private school, requires all its students to come to school in uniform. The students earn higher grades on average and are more likely to go for higher education. The school has few instances of tardiness, absenteeism or discipline problems. Vishaka Valley School is, therefore, considering making uniforms mandatory for its students.
 Which of the following points to a flaw in the expectations of Visakha Valley School?
 (a) The behaviour of children at school is an extension of their behaviour at home.
 (b) Vishaka Valley School has students coming from low income families where the children do not receive adequate care.

- (c) Students of Timpany School typically come from well-to-do families where good behaviour is enforced.
- (d) The behaviour of students is determined by a host of factors among which dress has little role.
11. Music Mania, the music store in Park Lane, started advertising on the local TV channels last year. Its business has grown dramatically as evidenced by the large increase in the people coming to the store. Profits at DNS Clothing, next door to Music Mania, have remained stagnant for the past three years. In order to boost sales and profit, DNS Clothing should also switch from newspaper advertising to TV advertising like Music Mania.
- Which of the following weakens the suggested link between increased sales/profits and TV ads?
- (a) Music Mania entrusted their TV ads to Laural Creations, a new creative ad agency.
- (b) Music Mania renovated their stores last year making its decor more pleasing and its ambience more customer friendly.
- (c) DNS Clothing have been expanding their operations opening one new branch every month.
- (d) As in the case of book stores many people come to music stores to browse rather than to buy.
12. The placebo effect has been known since the beginning of medicine. Indeed, it used to be just about the only medicine doctors could offer their patients—reassurance that a treatment will work with the result that it often did. What nobody realized until recently is just how powerful and complex the effect is. Which of the following can be inferred from the passage above?
- (a) It is not necessary for a patient to understand the treatment being given.
- (b) A doctor can do no more than what the available medicines enable him to do.
- (c) Faith in a treatment can heal one more than pills can.
- (d) In the case of most ailments, humans need no treatments.
13. US federal court officials have warned that hackers are e-mailing phoney subpoenas embedded with malicious software to high ranking executives to steal valuable corporate information. Thousands of powerful US executives have received the bogus e-mails that contain links which, if clicked on, install software letting hackers take control of computers and swipe passwords and other sensitive data.
- Which of the following point to the likelihood of even wary executives getting duped by the phoney e-mails?
- (a) Subpoenas in the US are always served in person to assure judges that the orders from the courts have been properly received by those named.
- (b) The phoney e-mail directs executives to a 'uscourts.com' website while actual official addresses typically end with '.gov' or '.org'.
- (c) The e-mails had the recipients' exact names and legal language that made it seem like a serious subpoena.
- (d) The hackers likely got confidential information about intended victim stolen or gathered in the internet's underworld.
14. In order to boost sales and profits, sellers give cash discounts, offering goods at a price lower than the price marked. However it would be more profitable for the sellers if, instead of cash discount, a small quantity of the goods is given free of cost for every fixed quantity of goods sold. This would ensure higher volume of goods sold.
- Which of the following, if true, would make the above conclusion as most reasonably drawn?
- (a) The other sellers of the same product do not sell it at a lower price.
- (b) Despite offering a cash discount, the seller still earns a profit.
- (c) The value of discount when offered in kind is not more than what is offered in cash.
- (d) The offer of discount in kind will draw in more customers.
15. Smoking leads to lung cancer, according to many medical reports. A random survey, conducted in a large gathering, where only some were smoking, showed that a higher percentage of those who were not smoking were suffering from lung cancer than those who were actually smoking. This amply demonstrates that passive smokers are at a greater risk of contracting lung cancer than active smokers.
- Which of the following, if true, would most seriously weaken the conclusion above?
- (a) A significant percentage of those who were smoking were found to suffer from cancer of organs other than the lungs.
- (b) The smokers were smoking cigarettes of high quality which filtered most of the harmful substances from the smoke inhaled.
- (c) Most of the smokers in the gathering had confined themselves to the designated 'smokers corner' in the room.
- (d) Many among those who were not smoking admitted to 'indulging occasionally' when not in company.
16. Pharmacists are generally considered more experienced than even doctors, because they dispense the medicines prescribed by many doctors. Hence purchasing medicines from a pharmacy without a doctor's prescription is not as inadvisable as is made out to be, in cases of common ailments such as colds, fever, etc.
- Which of the following, if true, would weaken the conclusion drawn above?
- (a) Doctors are generally much better qualified, academically, than pharmacists.
- (b) By law, pharmacists are prohibited from dispensing certain medicines without doctors prescriptions.

- (c) Most patients resort to such purchases because going to doctors for common ailments is not economical.
- (d) Common ailments such as colds and fever are often symptomatic of complicated conditions.
17. Going by their working conditions, miners are either very brave or foolhardy. A large amount of dust is produced due to blasting, excavating and hauling of rock in mines. Miners who inhale dust over a prolonged period suffer damage to their lung tissue. Often these miners develop spots, lumps or fibrous growths in their lungs, a condition known as pneumoconiosis or black lung disease. Which of the following, if true, strengthens the writer's opinion?
- (a) Statistics reveal that, among the miners who suffer from lung disease, many are affected by other diseases also.
- (b) Inhaling dust over a long period of time may render a person immune to lung disease.
- (c) Miners are usually provided with oxygen masks to protect them from inhaling dust.
- (d) Most insurance companies do not cover lung disease, in respect of policies issued to miners.
18. The theory of MAD—mutually assured destruction—ensures that two nuclear powered enemies would not go to war. The fact that a nuclear war, if it occurs, would destroy both countries, prevents leaders from declaring war and maintaining a hostile peace, as in the cold war. Which of the following is an assumption inherent in the above argument?
- (a) More and more countries are developing nuclear weapons.
- (b) Leaders of nuclear powers are rational and wish to avoid destruction.
- (c) The presence of a nuclear arsenal is actually a factor working for prevention of war.
- (d) The people of most countries are against the use of nuclear weapons.
19. For 50 successive weeks, the rate of inflation has been under 5%. This is the longest period of low inflation since the mid seventies. The Finance Minister was quick to claim that the fiscal and monetary policies of his government were solely responsible for bringing inflation under control. Which of the following, if true, casts serious doubt on the Finance Minister's assertion?
- (a) Consumers still feel that prices are rising, especially in the cities.
- (b) International oil prices, which are a major component of the inflation index, have been very low over the past 50 weeks.
- (c) Inflation is a phenomenon caused by a complex interaction of numerous factors, some of them beyond the control of the finance minister.
- (d) The consumer price index fluctuates from week to week.
20. Rising GDP is by no means enough to create a truly prosperous nation. Increasing inequalities in income can lead to social tensions erupting in crime and violence. Only when the vast majority of people share the benefits of growth will peace and prosperity co-exist. Which of the following can be concluded from the above argument?
- (a) GDP growth is impossible without the efforts of the vast majority.
- (b) Benefits of economic growth are unfairly divided between the haves and the have-nots which leads to social tension.
- (c) GDP growth and equitable distribution of benefits are not the correct measures of prosperity for many nations.
- (d) GDP growth and equitable distribution of benefits are required for a country to be truly prosperous.

EXERCISE 3 (LEVEL 3)

- Directions for questions 1 to 15: Select the correct alternative from the given choices.**
1. Jane is wealthier than Kathy.
Laura is wealthier than Mercy.
Mercy is less wealthy than Nora.
Kathy and Nora are equally wealthy.
If the information above is true, which of the following must also be true?
- (a) Laura is wealthier than Nora.
(b) Laur is wealthier than Jane.
(c) Kathy is less wealthy than Laura.
(d) Jane is wealthier than Mercy.
2. Mr Robinson: I don't think Harrison will win the union's election. Few workers are willing to elect a man without political affiliations to lead the worker's union.
Ms Rodricks: You're wrong. Harrison has been in the organization for two decades or more and well aware of the workers' problems and the management's attitude.
Which of the following is the likely interpretation that Ms Rodrick had made of Mr Robinson's remark?
- (a) No worker without political affiliations has ever been elected the leader of worker's union.
(b) Mr Robinson considers Harrison unqualified to lead the workers' union.
(c) Decades of experience as worker in an organization does not impart one ability to lead the worker's union.
(d) Workers generally over-estimate the need for political affiliation.
3. As a means to check impersonation, an organization conducting a major competitive exam online uses biometric identification of candidates taking the exam. Since biometrics-be they palm print or retinal scan-are unique to people, the record with the organization can be used to identify anyone who may

try to pass off as someone else with an assumed name or a false passport. Law abiding citizens or foreigners have nothing to fear, says the organization, since they have nothing to hide. All personal information gathered through this system will be held confidential, to be released only by authorized personnel under appropriate circumstances. But such a system has the potential, however slight, for the abuse of civil liberties.

A person concerned about the misuse of confidential information would, in evaluating the above proposal, be most interested in having the author clarify the meaning of which of the following phrases?

- (a) 'personal information' (line 5)
 - (b) 'Appropriate circumstances' (line 6-7)
 - (c) 'confidential' (line 6)
 - (d) Authorized personnel' (line 6)
4. Many people read the 'National Daily' with the feeling that it is a standard newspaper that provides authentic news and uses good language. The 'Local News' claims that the 'National Daily' is owned by an out-of-town business syndicate that couldn't care less about local news or the people of the city. It claims that the 'Local News' is the real voice of the people of the city.

Which of the following most directly refutes the argument of the 'Local News'?

- (a) Nearly 40 per cent of the readers of 'Local news' reside outside the city limits.
- (b) The local News' usually devotes more of its pages to out-of-city news than does the 'National Daily'.
- (c) The 'National Daily' has been published in the city for a longer time than has the 'Local News'.
- (d) The editor-in-chief and all the other members of the editorial staff of the 'National Daily' have lived and worked in the city for ten years or more.

Solution: The 'local News' claims that it is the real voice of the people of the city since the owners of 'National Daily' do not reside in the city or care about the people of the city. This argument is refuted most effectively by choice (4) which says that the editor and staff of the National Daily have lived and worked in the city for ten years or more implying that they do care about the city and its people. Choice (4)

5. One of the arguments generally advanced against smoking is that it reduces the longevity of a smoker's life. However, there are instances where smokers have lived up to the age of hundred. This clearly proves that the belief is only a myth and not a reality.

Which of the following is a major assumption in concluding that smoking does not reduce the longevity of smoker's life?

- (a) Smoking is a major factor in determining the length of human lives.
- (b) The arguments against smoking are not based on scientific research.

- (c) Human beings cannot live beyond the age of hundred years.
- (d) Cigarettes do not contain any substance that affects life.

6. The organizers of 'New Year Cup' football tournament, wanting to be different, announce the rules as follows. "The winning team of each match will be decided on the basis of goals scored against it. A team which has fewer goals scored against it will be the winner". Hence any team which is desirous of winning the game should play defensively and prevent goals, being scored against it.

Which of the following, indicate that no purpose is served by this demonstration of their desire to be different?

- (a) The rule will not be approved by governing bodies of football associations.
- (b) It makes no difference whether the winner is chosen on the basis of goals against a team or goals by a team.
- (c) If both the teams tend to be defensive it may lead to a no result.
- (d) A team used to playing an offensive game by trying to score as many goals against the opponents as possible cannot turn to a defensive game suddenly.

7. Instant messaging and online chat are forms of communication that allow real time interaction. These have become popular with more and more young people. Now, a new study has claimed that, as with talking face to face, the emotions communicated via these methods are also contagious.

Which of the following, if true, strengthens the above conclusion?

- (a) Other communication devices, such as telephone help to communicate emotions.
- (b) More people resort to communicating their feelings through instant messaging now than ever before.
- (c) Some commercial establishments prefer online interaction to know the opinions of prospective buyers.
- (d) A study revealed that those engaged in 'online chat' with someone who had just watched a horror film, showed more signs of fear, after the chat.

8. Of late, certain deaths have been reported of persons sleeping in their closed bedrooms as they inhaled noxious gases like carbon monoxide emanating from air conditioners when these caught fire due to electrical short circuits. Hence it would be prudent to install alarms in bedrooms which could be switched on to alert the neighbours to such mishaps.

Which of the following if true, is needed to make the above conclusion logically drawn?

- (a) Carbon monoxide is noxious enough to prove fatal to the inhalers.
- (b) Electrical short circuits do not impair the functioning of the alarm system.

- (c) People who inhale carbon monoxide lose consciousness gradually.
- (d) People in the neighbourhood are attentive enough to note the alarm.
9. The government instituted more frequent inspections of the food served at restaurants and other eateries in the last six months. The amount of bacteria in samples of food decreased by 50 percent, on average, during the period. If the government were to continue such frequent inspections, the incidence of stomach and intestinal infections could be cut by half.
- Which of the following is an assumption made in the above?
- (a) Restaurants and eateries maintain hygiene only when forced to do so by the government.
- (b) Stomach and intestinal infections are caused only by eating at restaurants and eateries.
- (c) The government undertakes inspection of eateries only when there is an outbreak of a disease.
- (d) All the people in the place eat only at restaurants and eateries and not at home.
10. It has been found, over the past five years, that sales are significantly higher in stores that offer discounts and conduct sales. Therefore the new mall that is coming up in the center of the town should rent spaces to companies that offer discounts and have sales of factory seconds. This would ensure full occupancy of the mall and enable the quick recovery of the costs of building the mall.
- Which of the following would strengthen the above conclusions?
- (a) The investment on the construction of the mall can be recovered through the rental income.
- (b) It is not necessary that successful stores repay their rents and other dues promptly.
- (c) Such a mall would soon gain recognition as 'THE place to shop'.
- (d) Luxury goods which add glamour to a place are seldom sold at a discount.
11. A politician in his speech said: Farmers in our country would be greatly benefited financially by growing Calcima, a therapeutic herb that is now grown mainly in Africa. Users of Calcima report that it relieves tension and promotes deep sleep. A recent study indicates that a large number of college students who took pills containing the extracts of Calcima suffered less anxiety.
- Which of the following would strengthen the politician's argument?
- (a) The pill is yet to undergo clinical tests for side effects.
- (b) The herb sells at a high price making it a lucrative crop.
- (c) In the past farmers in the country have successfully grown crops which are not native to the region.
- (d) The country has a climate drastically different from that found in Calcima-growing regions.
12. A newspaper reported: The tragic crash of a medical services helicopter yesterday should spur those in power to take action. The medical services supposedly have more stringent guidelines for training pilots and maintaining equipment than do most other sectors but these guidelines do not appear to have been followed: Statistics reveal that the rate of medical-helicopter accidents is much higher than the rate of accidents for non-medical helicopters or commercial airliners.
- Which of the following offers the best reason for the high rate of accidents of medical helicopters?
- (a) Medical services helicopters are often required in emergencies in inaccessible regions with inhospitable terrain.
- (b) Pilots of medical helicopters undergo longer training that involves landing and take off from uneven terrain.
- (c) Though infrequently used, medical helicopters are serviced regularly and maintained in good condition.
- (d) Medical services helicopters are almost always out on call, leaving the pilot with precious little time for rest and recuperation.
13. Music Mania, the music store in Park Lane, started advertising on the local T.V. channels last year. Its business has grown dramatically as evidenced by the large increase in the people coming to the store. Profits at DNS Clothing, next door to Music Mania, have remained stagnant for the past three years. In order to boost sales and profit DNS Clothing should also switch from newspaper advertising to T.V. advertising like Music Mania.
- Which of the following is not one of the assumptions behind the suggestion made to DNS Clothing?
- (a) The increased sales at Music Mania is the result of their TV ads.
- (b) TV ads have greater influence than ads in the newspapers.
- (c) DNS Clothing has not taken any initiatives to boost sales.
- (d) The target audience for clothes and music is the same.
14. Omega 3 fatty acids are a family of unsaturated fatty acids essential for normal growth in children. They stimulate blood circulation, increase breakdown of fibrin: a compound involved in clot and scar formation and additionally has been shown to reduce blood pressure. Fish is the best source of Omega 3. It is feared that the popularity of the fatty acid would lead to depletion of fish in oceans and eventually to their extinction. Which of the following, if true, would allay the fear?
- (a) Major manufacturers of Omega 3 undertake breeding and controlled harvesting to ensure long term supply.
- (b) Omega 3 is extracted from fish and sold in bottled form for convenient use.

- (c) Fish can be bred in small ponds and other water bodies without any loss of the substance that make up Omega 3.
- (d) The Ocean depths are inaccessible to most fisherman except those using trawlers.

Solution: Situation: The popularity and benefits of Omega 3 and fear of extinction of fish.

Reasoning : What would weaken the fear that fishing could deplete the ocean and lead to the extinction of fish? If care is taken to breed fish along with fishing, then they may not become extinct.

- 1) CORRECT: If the major manufacturers bred fish then they may not become extinct.
- 2) This is irrelevant since how omega 3 is sold does not have a bearing on fish becoming extinct.
- 3) This points to a possibility but only if it is undertaken will it prevent extinction.
- 4) Since the depths are accessible to trawlers, fish can become extinct.

Hence choice (1)

Solutions

Exercise 1

- Choices (a), (b) and (c) show why BPOs find employing women serves their own interest. Choice (d) shows a convenience they extend to the women and so it is not in their own interest. Choice (d)
- A school rejects an applicant and in doing so says that because of limited funding it cannot offer jobs to all the applicants. The only thing that can be inferred from this is that there were more applicants than there were vacancies. Choices (b), (c), and (d) cannot be inferred. Choice (a)
- The fact that the driver of a vehicle deserts the accident spot is constructed as evidence of his guilt. This is weakened by choice (d) which says that the driver bears the brunt of people's anger, whether he is guilty or not. That is the reason he runs away from the spot. Choice (d)
- If it would need 7 earths to meet people's need (if they followed the US consumption pattern), it is clear that the people in the US are consuming far more than they should or their consumption is the highest in the world (that is why they are held up as an example). (d) is not the answer because it is not necessary that they are using resources wastefully, their lifestyles requires more resources. Choice (b)
- The argument points at the US for alarming depletion of resources. Hence it assumes that curbing US consumption will retard resource depletion (Choice a). Choice (b) Is not assumed. Choice (c) is a fact not an assumption. Choice (d) is not assumed-no comparison is made between now and an earlier time. Choice (a)

15. Fraternal twins are those who have only half their genes in common with each other, as ordinary siblings have. Identical twins, on the other hand, have all their genes in common with each other. The behavioural traits of individuals have two components—genetic, and environmental or acquired (i.e., non-genetic).

Which of the following conclusions can be most reasonably drawn from the statement above?

- Behavioural traits with a large genetic component are more likely to be shared by fraternal twins than by identical twins.
 - Behavioural traits with a large environmental component are no less likely to be shared by ordinary siblings than identical twins.
 - Behavioural traits with a large genetic component are more likely to be shared by fraternal twins than by ordinary siblings.
 - Behavioural traits with a larger environmental component are shared by identical and fraternal twins in equal measure.
- The argument implies that the food expenditure of a household would be reduced as the cost of vegetarian food is less than that of non vegetarian food. However if more and more people take to vegetarian food, the demand will increase and hence the prices may go up weakening the prediction wrong. Hence (d) is the correct answer. Even if (a) were true, the argument would still be valid in places where the change in trend is witnessed. (2) may be true but with increase in cost of vegetarian food there may be an increase in the cost of non vegetarian food as well. Hence the prediction may still be correct relatively. (c) does not weaken the prediction since the rate is the same. Choice (d)
 - The last line indicates that the author is perhaps aware of some instances where the initial enthusiasm was not sustained long enough for the policies to bear fruit. This kind of a doubt is being justified only in answer choice (d). Choice (d)
 - Choice (b) can be concluded since the given text concluded since the text mentions 'social-anxiety' at first and then goes to say 'treatment of anxiety' in the last line from which we can infer that social anxiety is one form of anxiety. Choice (d) can be concluded. Choice (a) cannot be concluded because the text says poxil can be used to treat social-anxiety though it cannot cure it. Choice (a)
 - Situation: Should 15-year-olds be eligible for a driver's license?
Reasoning: Since older people can renew their licenses even without going through another test, the speaker argues, 15-year-olds should be made eligible to get a driving license.
(a) This is in favour of older drivers and does not say anything about 15-year-olds.
(b) This is in favour of youngsters but not a reason for giving them licence.

- (c) Youngsters may recover faster from injuries but that is no reason to injure them.
- (d) CORRECT: This gives a definite reason why 15-year-olds can be better drivers than older people and hence strengthens their ease for getting a driving license. Choice (d)
10. Situation: Financial crisis in the developed nations and the impact it will have on the economies of developing nations.
Reasoning: Which is not a likely consequence of the financial crisis? What is stated as already happening is not a consequence of the financial crisis.
- (a) This is a possible consequence of the financial crisis in the developed countries.
- (b) The cut in the forecast by the World Bank could be a consequence of the financial crisis in the west.
- (c) CORRECT: Since this is going on at the moment, it cannot be called a consequence of something else happening now.
- (d) This also points to a possibility which could be the result of the financial crisis. Choice (c)
11. Situation: The Beauty industry alone is thriving.
Reasoning: There can be many reasons for this. We have to identify the option that is not a reason.
- (a) That people are not willing to compromise on their health is a convincing reason.
- (b) This could also be a factor in contributing to the success of the Beauty Industry.
- (c) This also appears to be a likely reason.
- (d) CORRECT: This does not give a reason for the success of the Beauty industry but merely states the present position in the industry. Choice (d)
12. The paragraph contends that a higher teacher student ratio is desirable. This ratio does not depend only upon a higher teacher strength but also on the student population. Hence (b) is the correct answer.
Though (a) may be true, it does not say anything about personalised attention. (c) and (d) are not relevant to be argument Choice (b)
13. There is no need to fear as the snakes of most varieties are non-poisonous. However unless a person can distinguish between a poisonous and a non poisonous snake, this material fact does not help. Hence (b) is the correct answer.
(a) does not make the fear on the sight of snake unnecessary. If, as (c) indicates, poisonous snakes rarely show themselves, this would mean that most of the snakes seen are non-poisonous. This would support the authors argument. While choice (d) attracts attention, it follows choice(b) (since people can't distinguish poisonous and non poisonous snake and the bite of poisonous snake is fatal). Choice (b)
14. The number of dosas has increased by 11%, but what was the actual number? Number of pizzas has increased by 165%, but what was the actual number? Without knowing the base figures, we can't compare the preferences for both. Supposing, originally the dosas sold were 1 lac and pizzas sold were a hundred, despite the big difference in percentage increase, it wouldn't reflect the actual preference much. Hence, anything indicating this would indicate the flaw. Choice (b) does this. Choice (b)
15. The obviously parallel structure is choice (d). Other have minor differences. Choice (d)

Exercise 2

1. A win-win situation is one where both parties to an agreement benefit. Only choice (a) points to benefits for both the parties. Others are benefits to one of the two parties. Choice (a)
2. The paragraph says that Chinese athletes performed better than those of other countries. All the options support this except 3, which is about the organization of the games and not about the success of the players. Choice (c)
3. The author regrets the disinformation campaign resorted to by political parties. Against the contention that disinformation is used by others, he points out that the Mahatma used non violence against violence, that is, he believes that truth is a better weapon against lies, he uses the analogy between non-violence and truth. Though there is an appeal to the authority of the Mahatma, his conclusion is based on the analogy rather than on the authority of the Mahatma (that non violence won us Independence is a fact and does not require the authority of the Mahatma to back it.) Choice (b)
4. The focus of the passage is on the strength of truth against lies (vis-a-vis the strength of non violence against violence). Nothing is said about gains in short term or long term. Choice (c)
5. Chemicals contained in (IM food crops may kill pests affecting such crops or make the plants themselves tolerant of such pests i.e., herbicides. Hence pests would no more be a problem for the farmers. So such (IM crops would appeal to farmers. Consumers on the other hand may get suspicion about the presence of chemicals in foods. So (b) is the correct answer.
(a) and (d) are wrong as the argument is not about manure or fertilizers. (c) cannot be concluded from the statement. Choice (b)
6. Antibiotics kill good bacteria helpful in digesting food. So when patients are taking antibiotics for fever, their digestive tract may be harmed. Hence doctors recommend easily digestible food for patients on antibiotics. (b) is the correct answer.
(a) does not add strength to the argument about antibiotics. (c) may be true but the statement is only about antibiotics destroying good bacteria: (d) is a very general statement. Choice (b)
7. 4 states that rise in the levels of methane and nitrogen trifluoride have not been taken into

account and hence efforts to reduce global warming may not be fruitful to the desired extent. (d) is the correct Choice. If (a) is true, the apprehensions of the scientists would be misplaced. (b) is outside the scope of the argument which is about global warming. The detection by itself cannot be the cause of apprehension. (c) is inappropriate.

Choice (d)

8. The given argument is that laws prohibiting the manufacture and sale of country liquor can save the lives of poor people and so all states should pass such laws. This argument is refuted by choice (d) which says that in the absence of country liquor, people take to other intoxicants which are more lethal (and therefore lives are not saved). Choice (b) is not the answer because once all states pass such laws, then people from one state cannot cross the border to get liquor from another state. Choice (d)

9. The given argument says that most accidents occur at crossings where there are no traffic constables. It concludes that the presence of traffic constable is a deterrent to rash driving. In other words it assumes that rash driving is the cause of accidents. This is the presupposition before the police conclude that the presence of traffic constable can deter rash driving. Choice (e) is implied in the last sentence.

Choice (c)

10. Situation: A school considers making uniform mandatory.

Reasoning: the school wants to introduce uniform because another school where uniform is mandatory has well-behaved children who score well in exams. But the wearing of uniform will not dramatically alter the behaviour of students. Other factors determine their behaviour.

- (a) Nothing has been said about the behaviour of children at home.
- (b) The family background is not the tone determiner of a child's behaviour.
- (c) The text does not say that they come from well-to-do families nor does that transform to good behaviour.
- (d) CORRECT: The behaviour of students is determined by their inherent nature as well as their environment and not by their attire.

Choice (d)

11. Situation: Music Mania has switched over from print to TV advertising. It is recommended that DNS clothing do the same to increase sales and profit.

Reasoning. It is suggested that DNS clothing also shift from newspaper to TV ads to boost sales and profit. The suggestion is based on the belief that the increased sales is the result of the ads in the TV. If some other reason can be given for the increased sales, it would weaken the link between increased sales and TV ads.

- (a) Who created the ad does not mean anything since the credentials of the agency is not known.

- (b) CORRECT: The renovation of the store could be reason why people are visiting it. This therefore, weakens the link between TV ads and increased sales at Music Mania.

- (c) This gives a reason why profits at DNS clothing have been stagnant but does not weaken the link between TV ads and sales.

- (d) This points out that increased footfalls may not be translating into increased business but does not weaken the link between TV ads and increased sales. Choice (b)

12. Situation: How far is placebo effective?

Reasoning: The placebo effect has been known for long. Doctors reassure patients on a line of treatment. Recent studies show how effective it really is

- (a) Whether a patient understands or not, he must have faith in the treatment.

- (b) This contradicts the passage a doctor can do a lot through reassurance.

- (c) CORRECT: The placebo effect is the belief of the patient that a treatment will benefit /cure him.

- (d) This cannot be inferred since patients need treatment even if they are placebos. Choice (c)

13. Situation: Executives being duped by phoney e-mails and the company's sensitive data hacked.

Reasoning: What points to the likelihood of even careful executives getting duped is what makes the email look authentic even to careful scrutiny.

- (a) This points to an aspect of the mail that would show it to be phoney if scrutinized carefully.

- (b) This again is a weakness in the mail that would reveal its nature to a knowledgeable person.

- (c) This again, if detected, would lead the recipient to doubt its authenticity.

- (c) CORRECT: This shows that the e-mail appears realistic and executives can easily get duped.

- (d) This is not relevant to the argument. Choice (d)

14. It is more profitable for the seller to offer discount in kind than to give cash discount. Though it is true that discount in kind ensures more sales, it will not be profitable for the seller if the value of discount is more than that when offered in cash. Hence (d) is correct.

- (a) is irrelevant as the comparison is not with other sellers.

- (b) is immaterial.

- (e) does not validate or invalidate the conclusion.

Choice (c)

15. Smoking causes lung cancer more in passive smokers than in active smokers, according to the survey's conclusion. However if (d) is true, it shows that these passive smokers are themselves smokers in private which might be the reason why they are suffering from lung cancer. Hence (d) weakens the conclusion.

- (1) is not relevant. If despite (b) and (c) passive smokers are still suffering from lung cancer, it does not mean that the conclusion is weakened as the

conclusion is that passive smokers are more affected by smoking than active smokers.

Choice (d)

16. The argument contends that buying medicines by directly going to a medical shop instead of a medical practitioner is not unwise as the pharmacists are considered more experienced. Having better academic qualification does not defeat the argument. So, (a) is incorrect. (b) and (c) depend on factors other than those mentioned in the argument. (d) is the right answer as the pharmacist may end up treating only the symptoms not the disease. Choice (d)
17. (d) Says that insurance companies do not cover lung disease for miners. This shows that the incidence of lung disease in miners is very high. Hence (d) strengthens the statement. (a) is irrelevant to the argument. (b) weakens the argument. If miners are provided with oxygen masks, they may not suffer

from lung diseases due to inhaling of dust. So (c) is wrong. Choice (d)

18. A nuclear war would destroy both countries and so they maintain a hostile peace. This can be so only because the countries do not want to be destroyed. Otherwise, they would go to war. Hence the correct answer is (b). Choice (b)
19. When the Finance Minister claims that fiscal and monetary policies of his government were 'solely' responsible for bringing inflation under control, it can only mean that he feels there's "nothing else" responsible for it. If we show that something else was or could be responsible, then it casts a serious doubt on his claim. Choice (b) does that. Choice (b)
20. The author intends to convey the message that both growth and equitable distribution are necessary conditions for a country to be truly prosperous. Choice (d)

Exercise 3

1. Let us use the sign > to mean 'wealthier than' and < to mean 'less wealthy than'. As given the given the question
 Jane > Kathy
 Laura > Mercy
 Nora > Mercy (since the statement says Mercy is < Nora)
 Kathy = Nora (= means as wealthy as).
 Choice (a) say Laura > Nora which may or may not be true both are wealthier than Mercy, but the relationships between them is not clear.
 Choice (b) Laura > Jane may or may not be true since no relationship between the two can be established from what is given.
 Choice (c) Kathy < Laura (or Laura > Kathy) may or may not be true since no relationship between Kathy and Laura can be inferred.
 Choice (d) Jane > Mercy is true since Jane > Kathy = Nora and Nora > Mercy. Choice (d)
2. The fact that Ms Rodricks begins by saying 'You are wrong' implies that she has construed his words to mean that he is not in favour of Mr Harrison or does not consider him a suitable union leader. A can be ruled out as it is categorical with 'No worker.....' 3 cannot be inferred as Mr Robinson does not make any reference to Harrison's experience. (d) refers to workers whereas the question is about Mr Robinson's opinion. Choice (b)
3. The organization collects people's biometric identity to prevent impersonation. But the personal details collected can be misused, the organization says they would be held confidential and released only under appropriate circumstances'. This is the key phrase whose meaning has to be elaborated upon. Would 'appropriate circumstances' mean only a grave threat to the safety and security of the country and its people or can it be diluted to serve the personal interests of politicians in power? This is of crucial

interest to anyone concerned with civil liberties and the right of people to privacy. Choice (b)

4. The 'Local News' claims that it is the real voice of the people of the city since the owners of 'National Daily' do not reside in the city or care about the people of the city. This argument is refuted most effectively by choice (d) which says that the editor and staff of the National Daily have lived and worked in the city for ten years or more implying that they do care about the city and its people. Choice (d)
5. According to the argument, as smokers live upto the age of hundred, the argument that smoking reduces longevity is wrong. However this argument can hold good only if man can live only upto hundred years, as if it is possible to live beyond hundred years smokers who died at the age of hundred could still be considered to have died earlier than they would have died if they had not been smoking. Hence (c) is the answer.
 (a) neither validates nor invalidates the argument. As the argument is not based on the evidence of scientific researchers or otherwise (b) is not correct. (d) is not the assumption as the argument itself is based on some other premise. Choice (c)
6. The goals scored against represent the goals scored by the opposite team. Hence the rules are as reality the same when the winner is decided on the basis of goals scored by or against a team. Hence (b) is correct.
 (b) is outside the scope of the argument. (d) may be true but is irrelevant to the novelty issue. The argument is not about the ability to change tactics. Hence (d) is wrong. Choice (b)
7. (d) is an example to show that emotions are communicated through instant messaging. (d) is the correct answer.
 (a) is incorrect because what is true for telephones need not be true for IMS, as in telephones the

- receiver is able to hear the actual voice of the speaker which may indicate the emotions. (b) is outside the scope of the argument. (c) weakens the statement. Choice (d)
8. People sleeping in closed bed rooms die by inhaling carbon monoxide emanating from faulty air conditioners. Such people can rush out of their bedrooms in case of such an occurrence so if the installation of the alarm is suggested, it means that there must be something preventing them from rushing out. (c) says what that is.
(a) is not an additional premise as it is given that people die due to inhalation of carbon monoxide. (b) is immaterial as the alarm system need not work on the same electrical system. (d) is outside the scope of the argument Choice (c)
9. Situation : The government instituted frequent inspection of eating joints. The bacteria in the sample tested came down by 50% Reasoning : The argument concludes that frequent Inspection (and the consequent decrease in the bacteria In the food served) would bring down stomach and Intestinal Infection by half. The conclusion draws a Direct relation between the incidence of infection and the bacteria in the food served at eating joints.
(a) Nothing is said about how hygienic the eating joints are.
(b) CORRECT: Since the argument concludes that infection can be reduced by half through frequent inspections (which brought down the bacteria by half), it assumes that these alone were directly responsible for the infection.
(c) Nothing is said about any outbreak of disease.
(d) The argument does not assume dial all the people eat only at restaurants. Choice (b)
10. Situation: Sales are high in stores that offer discounts therefore the new mall should rent spaces only to such stores.
Reasoning: The conclusion in the text is that the success of the stores would enable the mall to recover quickly the cost of building. What strengthens this conclusion?
(a) This is an assumption made in the argument (last sentence).
(b) This weakens the conclusion that the mall would be able to recover its costs quickly.
(c) CORRECT: If the mall becomes a sought after place, then its demand goes up and it can recover its costs.
(d) The argument is not concerned with the glamour of the place. Choice (c)
11. Situation: A politician says farmers will benefit from growing a herb that lessens tension and anxiety.
Reasoning: What would strengthen the politician's argument that farmers would benefit by growing Calcima? If something shows that the farmers can successfully grow the crop that may be high in demand soon, it would strengthen the politician's argument.
(a) This weakens the politician's argument by creating a doubt of the future of the pill made from the herb.
(b) This restates the premise given in the argument- financial benefits to farmers.
(c) CORRECT: This points to the farmers' ability to grow even crops which are not native to the region and hence points favourably to their ability to grow a herb that is now grown in Africa.
(d) This weakens the argument by throwing a doubt on the ability of the country to grow the herb.
12. Situation : A newspaper report on the crash of a medical helicopter.
Reasoning : Although medical helicopters are better maintained and their pilots have good training, accident rate is higher in medical helicopeters that non-medical or commercial airliners. The reason for this must therefore lie else where (than the helicopter or pilot).
(a) Since the pilots arc trained, they must have been trained for inhospitable and inaccessible terrain.
(b) This gives a reason why medical helicopters should not have a high accident rate.
(c) This also gives a reason for medical helicopters not having accidents.
(d) CORRECT: Since, the pilots gel no time for rest and recuperation, that must be die reason for the high accident rates. Choice (d)
13. Reasoning: The suggestion to DNS clothing to shift to TV ads is based on a number of assumptions.
(a) The speaker attributes increased sales to the new medium of advertising chosen. Hence this is an assumption.
(b) This is also an assumption made in recommending TV ads.
(c) CORRECT: This is not an assumption made by the speaker. The passage does not say anything about what DNS clothing has or has not done.
(d) This is also an assumption behind the suggestion. Choice (c)
14. Situation: flic popularity and benefits of Omega 3 and fear of extinction of fish.
Reasoning: What would weaken the fear that fishing could deplete the ocean and lead to the extinction offish? If care is taken to breed fish along with fishing, then they may not become extinct.
(a) CORRECT: If the major manufacturers bred fish then they may not become extinct.
(b) This is irrelevant since how omega 3 is sold does not have a bearing on fish becoming extinct.
(c) This points to a possibility but only if it is undertaken will it prevent extinction.
(d) Since the depths are accessible to trawlers, fish can become extinct. Choice (a)
15. Identical twins have all the genes in common and fraternal twins half the genes in common.
However, acquired or environmental component of behavioural trails is not dependent on the presence or absence of genetic commonality, since acquisition or environment is an external factor. Thus, whether

identical twins, fraternal twins or ordinary siblings, all individuals could be affected by external factors to the same degree.

So (b) is the correct answer.

Traits with a large genetic component cannot be shared by fraternal twins more than identical ones.

So (a) is wrong. (c) is wrong as there is no difference between ordinary siblings and fraternal twins, in respect of genes. (d) is not the answer as it is categorical in saying 'are shared' whereas 'B' says 'likely to be shared'. Choice (b)

GUPTA CLASSES