

low Ougotion





While the Internet brings undoubted advantages to young people, the effects of excessive use are serious. Some teenagers are spending as much as 8 hours per day using the Internet. Isolation and obesity are increasing amongst children. Parents must enforce stricter controls over their children, to make sure that the Internet is not causing their children to have long term physical and emotional ill health.

Which one of the following best expresses the flaw in the above argument?

- A It understates the benefits of Internet usage.
- B It focuses only on teenagers who spend 8 hours per day using the Internet.
- C It assumes that parents can enforce stricter controls.
 - D It says nothing about the effects of watching TV and using computer games.
 - E It assumes that excessive Internet use causes isolation and obesity.





At 11 years old, the children of parents who smoke are shorter on average than the children of parents who do not smoke. Therefore, parental smoking tends to reduce the growth rate of children up to 11 years old.

Which one of the following explains what is wrong with this argument?

- A By 18 years old the children of parents who smoke might be the same size, on average, as the children of parents who do not smoke.
- B Lower average heights in 11 year olds may be associated with parental smoking, but not caused by it.
- C Children of smokers may be shorter on average at 11 years old, but this does not mean that all children of smokers are shorter than all children of non-smokers at this age.
- D Even though they are shorter, the children of parents who smoke might be better developed in other ways than the children of non-smokers.

BMAT (200 (200







The government now insists that all primary schools spend at least one hour per day on literacy and numeracy work, and stipulate that a substantial part of the time is spent in whole class teaching. These changes have helped to raise standards in literacy and numeracy. Therefore, whole class teaching is clearly more beneficial than small group or individual work.

Which of the following best expresses the flaw in the argument in the passage?

- A It assumes that the teaching method is the cause of the improved standards.
 - B It ignores the additional work teachers have had to take on.
- C It assumes that literacy and numeracy were low before the changes.
- D It relies on short term measurements of improvement.
- E It overlooks the benefits of small group and individual work.



"Farmers are often criticised for their heavy use of pesticides, which has had a harmful effect not only on many spaces of wider, but, it is alleged, on people who live near farms where pesticides have been peryach. Any let the fault does not let with farmers. People choose supermarkets contains to price. Sub-emarkets contains to price sub-emarkets contains to price sub-emarkets contains to price sub-emarkets contains to price sub-emarkets contains the contains and increasingly lower costs and therefore need to makings their yield or make a loss at the prices supermarkets demand. Therefore people do not have the right to complain about farmers' use of costicides."

Which of the following is a flaw in the above argument?

- A The argument has confused objections to the manner of use of pesticides with the use in general.
- B The argument contradicts itself by saying that pesticides damage the environment but also that they help maximise yield.
- C It assumes that the use of pesticides is the only way to avoid making a loss.
- D Farmers sometimes sell their produce direct to the public at farmers' markets.
- E There is no proof that people who live near farms have been affected by pesticides.

DIATE 0 40 40000







Data from a Swedish census shows that at age 64 those who have a PhD are less likely to die within the next year than are those who have only a BA or a BSc. The census showed further evidence of the relationship between level of educational attainment and longevily, since those aged 64 with an MA (higher than a BA and lower than a PhD) were less likely to die within the next year than those with a BA and more likely to die within the next year than those with a PhD. So it's clear that someone who is awarded a PhD in Sweden will live longer than they would have done if they had not studied for a higher degree.

Which one of the following identifies a flaw in the above argument?

- A It assumes that what is true for a group is true for each individual.
- B It assumes that people who are awarded PhDs will have a healthier lifestyle.
- C It assumes that what applies in Sweden will apply in other countries.
- D It assumes that in Sweden only the healthiest people are awarded PhDs.





Young children who sleep with a light on may have a substantially higher risk of developing nearsightedness as a result, says a new study in the journal Nature.

The collaborative study of 479 children by researchers at the University of Pennsylvania Medical Center and The Children's Hospital of Philadelphia found 55 percent of children who slept with a room light on before age 2 had myonia, or nearsightedness, between ages 2 and 16.

Of the children who slept with a night-light before age 2, 34 percent were myopic, while just 10 percent of children who slept in darkness were nearsighted.

Which one of the following, if true, gives a reason why the above argument might be flawed?

- A later study showed that myopic parents are more likely to leave children's lights on than those without myopia.
- B The study did not follow the subjects into adulthood.
- C American children are more prone to developing myopia than those from other parts of the world.
- D Few children in the third world, where there are few electric lights, wear glasses.



w Questions





The implementation this year of more random speed traps to prevent accidents is absurd. Figures published earlier this year showed hat only 6% of accidents are caused by speeding. But half the deaths on the roads are caused by drivers under 25. The road safety campaigners should turn their attention to finding ways of helping young people to drive safely while they are gaining experience, instead of advocating the pursuit of safe and responsible drivers for technical infinomements of arbitrate inities.

Which of the following could be flaws in the argument?

- 1 The writer ignores the fact that the introduction of more random speed traps, though not focusing on the most common cause of accidents, is still designed to prevent them.
 - 2 The writer ignores the fact that a percentage of deaths caused by drivers under the age of 25 will be due to speeding.
- 3 The writer fails to appreciate the fact that safe and responsible driving includes obeying the speed limit.
- Α
- B 2 only
- C 3 only
- D 1 and 2 only

1 only

E 1 and 3 only



BMAT 030 (2008



Which of the following is the best statement of the flaw in the above argument?

- A It assumes that Earth-sized planets will have life forms similar to those on Earth.
- B It assumes that the existence of Earth-sized planets in the 'habitable zone' is sufficient for life to exist.
 - It assumes that the Kepler telescope will find Earth-sized planets in the 'habitable zone' of their stars.
- D It assumes that it is necessary to have highly sensitive equipment to detect the existence of planets.
- E It assumes that the presence of liquid water on a planet is not sufficient for life to exist.







Societies with a flourishing arts sector (including visual art, theatre, music and dance) tend to be more democratic, more egalitarian, economically more robust and to have more fulfilled, healthier citizens. So, if we want to live in the most democratic, egalitarian and economically robust society, we should demand that the Government subsidises the arts to a level which enables them to flourish

Which one of the following illustrates a flaw in the above argument?

- A There may be other important demands on government money.
- B A flourishing arts sector may influence citizens' psychological health.
- C A strong economy may be a precondition of a flourishing arts sector.
- D Some of the arts (for example, opera) may be seen as non-egalitarian.

BMAT Q2 (2



As examination results come out again there will undoubledly be concerns about the state of the education system. If the results are good feer to we like are that the examinations are becoming to easy. On the other rand If the results are poor, then we've hear about the poor state of funding for the education set for. Sings there will be negative stories in the press either way we should innore these stories and for down about them.

Which one of the following is the best statement of the flaw in the above argument?

- A The options are restricted to the results being either good or bad.
 - B It makes an unwarranted attack on the press
- C It makes a prediction about the future which is not supported by any evidence.
- D It fails to establish that examinations are becoming easier.
- E The fact that a negative story is inevitable does not mean that it should be ignored.

BMAT Q13 (2010







When defending the British Museum's stance on holding on to important historical artefacts that were taken from other countries, he tall of the Standard off Ur offers a huge case in support of the policy. Had Britain returned it to Iraq, it would have been lost along with so much of the country's history when the national museum was located. Consequently, it would have been lost to all or us. By keeping these treasures at the British Museum, their safety is ensured for the whole world.

Which one of the following is the best statement of the flaw in the argument?

- A An artefact taken from another country has technically already been looted.
- B An artefact taken from another country will always belong to that country.
- C Because one museum overseas is looted it does not mean that others will be.
- D If the British Museum returned all the artefacts to their homes, more people from other countries would get the chance to see them.
- E Because the Standard of Ur is safe it doesn't mean all other artefacts are safe.





When children are young they often by youngs. These games are justful as they teach children how to interact with each other. In recent years the growth of songuler games has meant that now many children play most of their games on computers and across the internet. Thus the way in which children interact with each other has changed. When these children grow up they will need to work in jobs that require interaction with co-workers. The increased popularity of computer games is therefore going to mean that they are less tikely to be able to function socially within their workplace.

Which one of the following is a flaw in the above argument?

- It ignores the benefits that are brought by the internet, such as easy access to more information.
- B It does not consider that games on a computer can teach many other skills as it is possible for their rules to be more complex.
- C It does not consider the fact that adults also play computer games.
- D It is restricted to just one negative aspect of computer games.
- It does not establish that children who play computer games no longer interact with each other.

DMAT 04 (2011







It has been celebrated recently that hydrogen fuelled buses are being introduced into London. This is because the use of hydrogen as a fuel is better for the environment as there are no emissions of carbon dioxide. The new buses carry the same number of passengers and will be travelling exactly the same routes as the ones that they are replacing. However, commercially sold hydrogen is produced from natural gas. The process to produce one tonne of hydrogen from natural gas puts, on average, eight tonnes of carbon dioxide into the atmosphere, whereas the production of fuel for the existing buses does not emit any carbon dioxide. The further costs of transporting the fuel to the bus depot also need to be considered. We should therefore not welcome the introduction of these buses.

Given that the following extra information is available:

- The distance that each type of bus can travel using one tonne of fuel.
- 2 The distance that each bus needs to travel every week.
- 3 The amount of carbon dioxide emitted when the existing buses use one tonne of fuel
- 4 For each type of fuel, the amount of carbon dioxide emitted in transporting one tonne of fuel to the bus depot.

Which of the pieces of information would we need to know in order to determine whether or not Aladinission the argument is flawed?

Δ 1, 2 and 3 only-

R 1. 2 and 4 only

1. 3 and 4 only С

D 2, 3 and 4 only

F 1, 2, 3 and 4



Questions





The Organisation for Economic Co-operation and Development (OECD) has released data from a study of 15 year olds in the principal industrialised countries. It shows unequivocally that teenage students whose parents discuss political or social issues with them, either weekly or daily, score 28 points higher at reading (or average) than those whose parents discuss these issues less often or not at all. Other factors were also associated with better reading ability discussing books or television programmes, eating main meals together at a table and spending the program of the programmes of the programm

Which of the following best expresses the flaw in the argument above?

- A It implies that discussing serious issues with parents is more influential than discussion with a peer group.
- B It assumes that eating meals together at a table is practical in all households.
- C It fails to consider teenagers in rural countries.
- D It does not show why reading ability is so important in a teenager's development.
- E It suggests a causal relationship between discussion and reading.





Perfect pitch – the ability to denify any note of music without inferring it from a reference note – is usually found to be a characteristic only of people who were taught music before the age of 6. So teaching music to children under the age of 6 should become a priority in primary schools. This could mean that in the future the majority of the population would have perfect pitch.

Which one of the following describes a flaw in the above argument?

- A It assumes that adults could acquire perfect pitch if they were taught music.
 - B It ignores the possibility that other factors may be necessary for acquiring perfect pitch.
 - C It assumes that having perfect pitch is necessary for success as a musician.
- D It ignores the possibility that children under the age of 6 may not enjoy learning music.

NAT OC 1004 A



Elou Ougotion





We are all becoming used to warnings of a shortage of science, technology, engineering and mathematics (SEM) recruits. In a world increasingly dominated by careers that involve these fields, organisations and politicians repeatedly state that we really must train more of these people to secure our prospertly. But STEM training is not the only answer: aneodotal evidence shows that the STEM employees who do best are those most skilled in thinking and communicating. Instead of looking to produce scientists or engineers, we should focus on turning out agile minds. The ability to process, synthesise and communicate information efficiently is the premium skill of the future.

Which one of the following best expresses the flaw in the argument above?

- A It assumes that being agile-minded cannot be taught.
- B It ignores the fact that STEM courses are growing in popularity.
- C It fails to use comparative data from other countries.
- D It assumes that agile minds are equally effective with or without STEM training.

Recent research has found a surprising correlation between how women rate the

E It ignores the views of STEM employers.





physical attractiveness of male competitive cyclists and their overall performance in an endurance race, with those competitors rated mea attractive finishing ahead of those rated less attractive. It seems that women are sensitive to those physical traits that relate to cycling excellence and unwitingly affact for his into how attractive they find a particular participant. Therefore it would follow that attractive male film stars and models are likely to make successful cyclists.

Which one of the following best expresses the flaw in the above passage?

- A The study did not suggest attractiveness alone is sufficient to ensure success.
- B A false impression of sporting excellence has been put forward.
- C The results of this study may not be generalisable to all sports.
- D The study wrongly suggests that cyclists are more attractive than other sportsmen.
 - The findings of this study may not be repeated in the future.

DIALT CAME

Е







The rate of recorded heart attacks among women in the UK could soon start to fall because a new blood test has been developed which provides a more accurate diagnosis of the incidence of heart attacks in women. Researchers believe that heart attacks in women may previously have been under-diagnosed because the 'old' blood test was not sufficiently sensitive. They believe that possibly twice as many women will be found using the new test to have had heart attacks as were found using the old one. With more accurate diagnosis, women can start treatment to reduce the risk of a further attack.

Which one of the following best expresses the flaw in the above argument?

- A It assumes that the lower number of subsequent heart attacks will not be balanced by the higher recording of first heart attacks.
- B It assumes that the same new blood test can be used equally well for men as for women.
- c It assumes that a blood test is the only way of diagnosing when a heart attack has taken place.
- D It assumes that treatment to prevent subsequent heart attacks is always effective
- E It assumes that women are likely to seek medical help more quickly than





When we listen to music, electrical waves in our brains lend to synchronise to the tempo. In a recent study scientists recorded the brain waves of musicians and non-musicians as they listened to music. Although the brain waves of blind groups synchronised to many rhythms, those of non-musicians did not synchronised to particularly slow music. The non-musicians reported that they could not keep track of the fempo in slow music. This shows that becoming a musician requires an innate tendency to the brain to synchronise to the tempo of any speed of music.

Which one of the following identifies a flaw in the above argument?

- A The tempo of slow music may be the most difficult tempo for listeners to follow.
- B Musical training may develop the tendency for the brain to synchronise to music.
- C Some of the non-musicians may decide to undertake musical training in the future.
- D Becoming a musician may depend on a number of different abilities.



Ouestions





The sale of self-help books that claim to reveal the secret of happiness generated \$10 billion in 2009. But if you want to become more contented with life, you shouldn't read these books, because reading them will have the opposite effect. Researchers at the University of Montreal found that those who had read such books were more likely to be anxious and depressed than those who had never read them.

Which one of the following is the best statement of the flaw in the above argument?

- A Becoming more contented with life may be an unrealistic goal.
 - B Being anxious and depressed may prompt people to read self-help books.
- C Some of those who have never read self-help books may be anxious and depressed.
- D Some people who are anxious and depressed may never read self-help books.

RMAT C



People wonder whether or not machines could ever become conscious, but it's obvious that one day they will. After all, if consciouls read is, but the result of the working of the brain, and if the brain is just a complicated machine, then what's to stop machines becoming complex enough to be conscious? Every year machines elemone and fire complex. It's only a matter

Which one of the following is the best statement of the flaw in the above argument?

A It is impossible for a machine ever to become conscious.

of time before they acquire consciousness.

- B The argument does not specify what a matter of time' entails.
- C The argument confuses science fiction with the reality of technological progress.
- D The argument depends on unwarranted claims about the mind and the brain.

PMAT 020 (2016



Flow Overtic





Researchers have found that middle-aged men with bigger waist measurements have an increased risk of developing prostate cancer. They found that, for every ext at ne contilinetres a man had on his waist, his risk of developing the most aggressive form of prostate cancer was raised by 13 per cent. Early results suggest the increased risk is linked with the disruption to testosterone and other hormones that occurs with weight gain. This shows that middle-aged men can prevent the development of prostate cancer by eating a healthy diet and taking regular exercise.

Which one of the following best expresses a flaw in the above argument?

- A It ignores the fact that weight gain is a factor in other forms of cancer.
- B It assumes that major changes to diet and exercise are achievable by all men.
- C It assumes that losing weight is sufficient to avoid developing prostate cancer.
- D It fails to note the role of hormone disruption in other forms of cancer.





We often hear about childhood star: having breakdowns in later life. Celebrity gossip magazines regularly feature stories reveiling in the decline of a one's innocent and adored child actor into a toucled whenly-something, going through painful relationship break-ups and battles with drug addictions. Their fate is including given the moral bankruptor of show business: the industry is steeped in sex, alcohal, and drugs. Parents choding to expose their children to these evils at such a vulnerable age must take the blante for their struggles with them in later life. Given the lasting damage, I would argue that it, a gatually child abuse to place a minor into such an environment. As part of our policy of child prefection, it should be illegal to let your child work in show business.

Which of the following expresses a flaw in the above argument?

- 1 Break-ups and mental breakdowns do not occur only to childhood stars; they can happen to anyone.
- 2 Being adored as a child is not an adequate explanation for addictions or broken relationships in later life.
- A 1 only
- B 2 only
- C both 1 and 2
- D neither 1 nor 2

DMAT 047 (0047







Two hundred years ago the average woman in a rich nation could expect to give birth to 8.5 children and to die around her fifty-fifth birthday. By 1920 the birth rate had halved to 4.2 children and women's life expectancy had risen to almost seventy years. We can conclude, therefore, that the heavy biological toil of childbirth on women means that the more times they olve birth. the faster they ago and the more likely they are to die early.

Which one of the following best expresses the flaw in the above argument?

- A It assumes that, historically, women were ignorant of the toll childbirth takes.
- B It draws conclusions which relate only to women in rich nations.
- C It fails to note falling infant mortality rates in the given time period.
- D It implies that all women who have multiple pregnancies will die early.
- E It fails to consider other factors that might have improved women's life expectancy.

BMAT Q24



Functional magnetic resonance in eging (MRI) is a neuroimaging procedure that maps brain activity by detecting blood flow chargings, one recent linding of MRI research relates to variation amongs individuals with copiect to patients of copiecting across regions of his variation amongs individuals with copiect to patients of copiecting across regions of his variation and the copiecting across regions of his patients of the copiecting across regions of his variation and the copiecting across regions of his variation and the copiecting across regions of the copiecting across regions and substance abuse issues, a beneficial use of MRI technology would be to conduct Priant Iraining for those with weaking connectivity. For excrises were developed to help people learn to regulate their brain activity, so that their brain connectivity was improved, they to could benefit from more positive Miserby entirely entirely across the support of the proposition of the proposities are propositionally across the proposition of the proposition

Which one of the following is the best statement of the flaw in the above argument?

- A It assumes that everyone considers high educational attainment levels to constitute a 'positive' lifestyle trait.
- B It ignores the more critical health care needs that could be addressed through the use of fMRI technology.
- C It assumes that just because 'positive' traits are associated with strong brain connectivity these traits are caused by the strong connectivity.
- It ignores the fact that some people whose brain connectivity has been damaged through injury are still able to lead productive lives.







The UK government has recently announced its plan to cut funding to state nurseries. This would be a terrible mistake as high-quality nursery education is crucial. My child blossomed at a state nursery – we cannot let these places lower their standards, or even close. I was more than happy to move my child to the state nursery from a private nursery when she became eligible. Six months later, I would say that that our experience of the new nursery has been outstanding. For this reason, a professionally run state nursery should sit at the heart of every community and it should not be affected by financial restrictions.

Which one of the following is the best statement of the flaw in the above argument?

- A It takes a correlation between a child attending a state nursery and being happy to imply causation.
- B It rejects the plan to cut spending only because it was proposed by the government.
- C It generalises about the importance of state nurseries based on a single experience.
- D It supports its argument by appealing to the irrelevant authority of the government.
- E It assumes that a cut in funding will lead to the closure of state nurseries.



....



It is not unusual for a member of the Bruish Royal Family to serve as an officer in the armed forces, and even, on occasion; be sea delive service. It happened quite recently when Prince Harry was posted to a war zone, varient questions about the heightened risk that such a high profile target would face, and possibly deflect onto drivers. At first the prince is location was warked, secret, but in due course to be more public knowledge, rightly prompting calls in warked secret, but in due course it be more public knowledge, rightly prompting calls in emission of the prince of the course of the cou

Which one of the following commits the same logical flaw as the above argument?

- A If the tide is out, the island can be reached. But the tide isn't out, so the island can't be reached.
- B If the tide is out the island can be reached. But since the island can't be reached, the tide is not out.
- C If the island can be reached, the tide must be out. But since the tide isn't out, the island can't be reached
- D The island can't be reached unless the tide is out. But the island can be reached, so the tide is out.

....







Domestic cats are popular pets worldwide, and have the potential to significantly affect prey species in both rural and urban areas. Several studies have shown that cats living on the outskirts of urban areas and those living in rural areas bring home more pray, and a greater variety of prey, than cats living in more urbanised environments. However, not all studies have found detrimental effects of cat predation on wildlife. A study in Canberra, Australia, found that domestic cats caught and Killed so-called livrassive's species of notents and brids – hose that are non-native to the ecosystem and whose presence causes or is likely to cause harm. Thus, the product of the pr

Which one of the following best expresses the flaw in the above argument?

- A It assumes that keeping domestic cats serves no other purpose than to have a positive effect on native wildlife.
- B It assumes that because numbers of invasive species decreased in an area with domestic cats, the presence of domestic cats caused this decrease.
- C It assumes that the Canberra study was representative of the general environmental effects of keeping domestic cats.
- D It assumes that we should keep domestic cats only if doing so would have a positive effect on native wildlife.





It never fails. The only time both political parties are willing to work together in the US Congress is when they're cooking up really bad ideas. If they've found a new way to cause trouble, reduce freedom, or generally damage the health of the hallon, they work together just fine. This time, the brilliant idea is a sales tax on goods bought on the internet, similar to the current sales are imposed upon goods bought in physical stores; if the economy is to get stronger, charging consumers more is not a vise move. A trengstrust sumber of people buy online, and if the products and have lover profits. Not tax needs to the three three the products and have lover profits. Not tax needs to the three three

Which one of the following best expresses the flaw in the above argument?

- A It attacks the people who came up with the idea rather than the idea itself.
- B It fails to take into account the possibility that people who would have bought online will buy from physical stores instead.
- C It wrongly proceeds on the basis that the economy will suffer only if sales fall.
- D It assumes that, if internet sales fall after introducing an internet sales tax, then the introduction of an internet sales tax will have been the cause of the falling sales.

DMAT 04 (0040





Many countries are experimenting with legalising previously illegal substances, including marijuana and heroin. The rationale for the legalisation movement includes concerns about the financial and social burden of the so-called 'war on drugs', which is widely considered to be a failure, anyway. But what drug legalisation advocates forget is why certain substances were made illegal in the first place; taking them leads to behaviours that are harmful both to users and to the people around them. For evidence of such effects, we only need to look to Colorado in the USA. Following the state's recent legalisation of marijuana, the rates of murder and of violent crime overall increased. This example shows that the drug legalisation movement is as dangerous as it is misguided.

Which of the following describe(s) flaws in the reasoning of the above argument?

- It assumes that because the crime rise in Colorado occurred after marijuana was legalised, the rise was caused by this change in law.
- It fails to acknowledge the problems associated with other substances which are already legal and more socially acceptable.
- It concludes that drug legalisation has negative effects based just on the evidence from one place.

