



## Instructions

This verbal reasoning test comprises 30 questions, and you will have 25 minutes in which to correctly answer as many as you can.

You will be presented with a passage to read, and a statement about that passage. You must select one of the following answers:

**True:** *The statement follows logically from the information or opinions contained in the passage.*

**False:** *The statement is logically false from the information or opinions contained in the passage.*

**Cannot Say:** *It is not possible to determine whether the statement is true or false without further information.*

You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

Try to find a time and place where you will not be interrupted during the test. When you are ready, begin the test.

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Founded in 1954, the Bilderberg Group holds an annual conference of 120 of the world's most powerful and influential people. Participants, invited by a steering committee comprised of two people from 18 different countries, typically include financiers, industrialists, politicians, royalty and newspaper editors. Past delegates have included Tony Blair and Bill Clinton, shortly before becoming heads of state. Reporters, however, are not invited: the Bilderberg Group's meetings are conducted in privacy, with strict confidentiality rules to foster open discussion. The Group was established to promote understanding and cooperation between the United States and Europe and to create an informal network for the global elite. No votes are taken at the conference and no policies are agreed. However, the secrecy surrounding the conferences has given rise to numerous conspiracy theories. Right-wing critics believe that the Bilderberg Group is a shadowy global government, with some conspiracy theorists holding the Group responsible for organising events including the overthrow of Margaret Thatcher, the Bosnian War and the invasion of Iraq. Left-wing activists, who call for greater transparency, accuse the Group of being an unelected capitalist cabal controlling world finance. While opponents view the Group as undemocratic, supporters argue that modern democracies depend on cooperation between banking and politics, and that organisations such as the Bilderberg Group help ensure their success.

- Q1** The Bilderberg Group has critics on both sides of the ideological spectrum.
- True                      False                      Cannot say
- Q2** Representatives from the media are not allowed to attend the Bilderberg Group conference.
- True                      False                      Cannot say
- Q3** The Bilderberg Group was created as a private forum to set Europe and America's political and financial agenda.
- True                      False                      Cannot say
- Q4** Topics discussed at Bilderberg Group conferences have included the invasion of Iraq.
- True                      False                      Cannot say
- Q5** Because its delegates are not elected, the Bilderberg Group's activities are widely believed to be undemocratic.
- True                      False                      Cannot say

Although today used to describe any movement to claim back territory for ethnic, linguistic, geographical or historical reasons, the term irredentism originally came from the Italian nationalist movement Italia irredenta. Meaning “unredeemed Italy”, Italian irredentism was an opinion movement rather than a formal organisation. It sought to unify ethnically Italian territories, such as Trieste, Trentina, and Istria, that were outside of Italian borders at the time of the unification of Italy in 1866. The annexation of these Italian territories from Austria provided Italy with its strongest motive for participating in World War I. The Treaty of Versailles in 1919 satisfied most of Italy’s irredentist claims, however new borders delineated by the treaty gave rise to new irredentist claims. Dividing the German Empire into separate nations created German minority populations in the new countries of Poland and Hungary. German irredentist claims to these territories, as well as to Austria, resulted in the Second World War. The Treaty of Versailles created Yugoslavia to be a Slavic homeland, but ethnic and religious differences between Bosnians, Serbs and Croats eventually led to war in the 1990s. The artificial political states created by the Treaty of Versailles in East Africa failed to take tribal boundaries into account, and thus remain subject to irredentist claims. Similarly, borders drawn up in the Near East are still contentious today.

**Q6** Trieste, Trentina and Istria were reunified with Italy following the Treaty of Versailles.

True                      False                      Cannot say

**Q7** Borders imposed in 1919 by the Treaty of Versailles resulted in twentieth century conflicts.

True                      False                      Cannot say

**Q8** Irredentist movements advocate the annexation of territories only on the grounds of prior historical possession.

True                      False                      Cannot say

**Q9** Yugoslavia was created following the Second World War to provide a homeland for Bosnians, Serbs and Croats.

True                      False                      Cannot say

**Q10** Although originally an Italian movement, irredentist claims are now being made in other countries.

True                      False                      Cannot say

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Many organisations predict that the global water crisis presents this century's biggest threat. Today 84% of people in developing countries have access to clean water, 2 billion more than in 1990. However, millions still lack clean water for drinking and sanitation, posing a major health threat. In the developed world, water consumption is unsustainably high, doubling every twenty years. Agriculture accounts for 70% of the world's fresh water use, and an increasing population to feed means this demand will only increase. Groundwater sources, used to irrigate crops, are running dry because of overuse. While limiting the use of groundwater is a possible solution, it would have a financial impact on farmers and result in lower yields. While climate change has resulted in increased precipitation in some areas, it is contributing to water shortages in other regions. Rising temperatures have caused the Himalayan glaciers, the source for all of Asia's major rivers, to retreat. A reservoir for nearly half of the world's fresh water, these glaciers are predicted to lose four-fifths of their area by 2030. Many experts believe the solution to the global water crisis lies in new technologies. Desalination plants, which convert seawater into fresh water, have been built in countries including Israel and Singapore. The process's high costs however limit its wide-spread adoption. Institutions and treaties are also needed to ensure that cross-border water sources are managed properly and do not become a source of conflict.

**Q11** The global water crisis has resulted in less of the world's population having access to fresh water

True                      False                      Cannot say

**Q12** The irrigation of crops comprises the majority of groundwater usage.

True                      False                      Cannot say

**Q13** Despite increasing rainfall in some areas, climate change is the main cause of the global water crisis.

True                      False                      Cannot say

**Q14** The main impediment to desalination is expense.

True                      False                      Cannot say

**Q15** Both technological innovation and diplomacy are needed to tackle the world's water crisis.

True                      False                      Cannot say

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Esperanto is an artificial language constructed in 1887 by the eye specialist Dr Ludovic Zamenhof. Having experienced ethnic divisions and language barriers growing up in Poland, he aimed to create an easy-to-learn second language that could transcend cultural and political differences and further international peace. Although Zamenhof's goal of a universal auxiliary language was not realized, today there are 1.6 million Esperanto speakers in more than 90 different countries. Using an alphabet comprised of five vowels and 23 consonants, Esperanto is based on Indo-European languages. Its grammar has logical rules with no irregular verbs, and its spellings are phonetic, making Esperanto about five times easier for a native English speaker to learn than French or Spanish. While some Esperanto speakers still advocate the adoption of the language worldwide, other proponents see its value primarily as a language-teaching tool. Esperanto is on the curriculum in countries including China and Hungary, but it is not taught in British schools because it lacks an associated culture. Its lack of culture is a common criticism levied at Esperanto, yet its neutrality was intended to foster equality between speakers. Detractors also argue that Esperanto's linguistic roots give an unfair advantage to speakers of European languages. The newer constructed language Loglan is based on logic and uses the world's six most widely spoken languages - Arabic, Mandarin, English, Hindi, Russian and Spanish - as its vocabulary's source.

- Q16** One of the advantages of Esperanto is that it is universally easy to learn.
- True                      False                      Cannot say
- Q17** Dr Zamenhof's goal was to replace ethnic languages with the universal language of Esperanto.
- True                      False                      Cannot say
- Q18** Esperanto's lack of an associated culture or homeland can be viewed as both an asset and a disadvantage.
- True                      False                      Cannot say
- Q19** Contemporary Esperanto speakers do not share a common vision of the language's purpose.
- True                      False                      Cannot say
- Q20** Loglan is a more logically constructed language than Esperanto.
- True                      False                      Cannot say

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A recent study estimated that 20% of Americans have used prescription drugs for nonmedical reasons, while the number of deaths from accidental drug poisoning has quintupled since 1990. Prescription drug abuse is the fastest-growing drug problem in the United States and most experts concur that the cause is the increased availability of powerful new opioid analgesics. When taken as prescribed, opioids are a safe, effective form of pain management with an addiction rate of only one percent. The rise of pain clinics and online pharmacies, however, has made it easy for nonmedical users to procure these potent painkillers. The family medicine cabinet is another common source of opioids, as well as sedatives and stimulants, which young people often combine with other drugs and alcohol. Despite many highly publicised deaths from prescription drug abuse, there persists a popular misconception that using prescription medicines without a prescription is legal, safe, and less addictive than taking recreational drugs. While education programmes for youths and healthcare providers are being introduced to raise awareness of prescription drug abuse, there are calls for increased government regulation over opioid dispensation. Measures such as patient tracking and urine testing could help doctors identify addicts. Some healthcare professionals have expressed concern that restricting opioids in such ways would have an adverse effect on chronic pain sufferers who rely on such medications. Until the pharmaceutical industry develops less lucrative but non-addictive painkillers, there are few alternatives to opioids for treating chronic pain.

- Q21** Prescription drug abusers are typically young adults who have access to the drugs at home.
- True                      False                      Cannot say
- Q22** The pharmaceutical industry has made opioid painkillers highly addictive to enhance their profits.
- True                      False                      Cannot say
- Q23** The United States' prescription drug abuse epidemic is generally attributed to easy access to potentially addictive opioids.
- True                      False                      Cannot say
- Q24** The erroneous belief that there are fewer risks associated with taking prescription drugs recreationally is prevalent.
- True                      False                      Cannot say

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**Q25** Medical professionals do not support proposed government restrictions on the prescription of opioids.

True

False

Cannot say

Birds were long considered stupid, however laboratory research has shown that corvids -the group of birds including crows and jays - are actually highly intelligent. Their ability to make and use tools rivals that of chimpanzees. When hiding stores of food, corvids demonstrate their episodic memory and future planning ability - cognitive abilities previously thought unique to humans. Not only do corvids remember where they have cached food, they remember when they stored it. If seen caching food, corvids will return and re-hide it, unobserved by competitors. This anticipation of pilfering shows that corvids acknowledge the mental state of other individuals. The most social group of birds, corvids raise their young cooperatively and form long-term relationships. The social function of intellect theory, which hypothesised that social living was the impetus for the development of primate intelligence, is now applied to other species, such as corvids. Although capable of doing many of the same things as primates, corvids have smaller brains and lack the neocortex that is responsible for mammalian cognition. Instead, corvids have a nidopallium, which scientists believe fulfils a similar function more efficiently. Primate and corvid intelligence is sometimes used as an example of convergent evolution, whereby two unrelated species independently develop the same adaptations to similar environmental conditions. But animal intelligence is a controversial subject, with no consensus on its definition. Some scientists argue that corvid behaviour can be explained by adaptive specialization and is not equivalent to primate intelligence, and thus convergent evolution does not apply.

- Q26** Corvids' food-caching strategies indicate that they have some awareness of what their competitors are thinking.
- True                      False                      Cannot say
- Q27** The social function of intellect theory states that corvid intelligence developed as a result of their complex social structure.
- True                      False                      Cannot say
- Q28** Although they lack a common ancestor, primates and corvids acquired their intelligence under the same evolutionary processes.
- True                      False                      Cannot say
- Q29** Corvids' cognitive abilities are the result of both brain structure and social structure.
- True                      False                      Cannot say

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**Q30** A corvid's nidopallium is smaller, but more powerful, than a primate's neocortex.

True

False

Cannot say