



1. Choose the correct alternative. (4mks)

Close Circuit television cameras (CCTV) are increasingly becoming a fact of life in modern Britain. As a matter of fact, Britain has (**large/ the largest/ larger**) CCTV network in the world. In London alone, there are 150.000 cameras and in the course of a typical day the average city dweller can expect (**to film/ to be filming/ to be filmed**) at least 8 times. They can be seen in office buildings, shopping centres, banks, residential areas and even parks. It is believed that CCTV leads to a (**reduction/ release/ boost**) in certain types of crime such as car theft, robbery and street violence. Its supporters defend it as an effective way of (**improvement/ improved/improving**) security in town centres and of helping to bring (**crimes/ criminals/ criminology**) to justice. To its critics, these cameras are a sinister extension of state control (**to/at/over**) our lives. They feel that those cameras are intruding into their privacy saying that there is (**a lot /little/much**) evidence that they reduce the number of offensive acts.

All in all, CCTV cameras (**became/ had become/ have become**) a fact of urban life in many European cities. Governments think that it's essential that these cameras be installed in public places to keep a watchful eye over its residents.

2. Circle the suitable alternative.

In the realm of robotics, the latest breakthroughs have led to the creation of an (**innovate/innovation/ innovative**) robot known as Innovex. This state-of-the- art robot (**designed/ is designed/ designs**) to perform a wide range of tasks, from routine household activities to intricate industrial operations. The engineers who have dedicated themselves to (**create/ creating/ created**) robots that not only mimic human movements but also are capable of autonomous decision-making believe that this development will redefine the role of robots in our society. Innovex, (**when/ who/which**) is equipped with advanced artificial intelligence, can analyze its surroundings, and make swift decisions in real-time. (**Unfortunately/ Despite/ Unlike**) its predecessors, Innovex possesses the capability to adapt (**from/ on/ to**) dynamic environments and learn from its interactions. The engineers who were at the forefront of developing this remarkable robot believe that it will revolutionize the way we approach automation.

3. Fill in the blanks with 6 words from the box below:

brainy/ growth/ affected/ highly/ require/ host/ acquire/ sending

Brain drain has a socio-economic impact on concerned regions. It is a problem faced by many parts of Europe. It is characterized as the emigration of-skilled labourers to other countries. EU countries such as Romania, Poland, Italy and Portugal areby brain drain, while other countries such as Sweden, Ireland, Estonia and Denmark notice the opposite effect, namely brain gain. The main effect is 'brain waste'. This happens when qualified andworkers move to a region with incomplete or one-sided information on the labour demand. Thus, they end up being unemployed or employed in jobs that do nottheir high skills. Brain drain can have a negative impact on theregion such as reduction of human capital, limited capacity to innovate, demographic shifts, higher cost of public goods and reduced economic..... . However, there are positive side-effects as well, such as « reverse brain drain », incentives for investment in education and improvement of governance





4. Fill in the blanks with 6 words from the following list:

Achievement/ significant/ accurately/ invent/ achieved/ researchers/ discovering/ scientific

From finding new facts about human history to making incredible strides in artificial intelligence, from.....cures for life-threatening diseases to exploring outer space, humanity.....exceptional developments in the field of science and technology in 2019. This year witnessed many.....revolutions that will shape our future. One of the most.....scientific advancements and biggest breakthroughs of 2019 was perhaps the realisation of quantum computing. A quantum computer uses quantum bits, or qubits, enabling an exponential rise in the amount of data it can process and store. In fact, a team of..... from Australia and Singapore developed a quantum-powered machine that can..... simulate future outcomes and solve in three minutes a problem that would have taken 10,000 years even for a supercomputer.

5. Circle the right alternative:

Robots, as a new technological tool, make an activity safer and easier. For instance, the operator just uses a computer to manufacture a product through a robot and it helps the operator **(avoid/to avoid/avoiding)** dangerous situations because he is just controlling it. Likewise, a robot controls quality. This is shown by the following examples, robots **(are programmed /program/are programming)** to execute the same task all the time to make sure that the company is going to get the same product result and they are **(much/more/most)** accurate about measures than an operator. **(However/Moreover/Since)**, a robot performs different tasks faster. For example, a robot can be ordered to perform task like packaging and welding allowing the operator to program the speed of its performance. On the other hand, it isn't self-sufficient. This is illustrated by the fact that a robot **(can't/can/may)** think by itself. You must send an order to be performed by **(you/it/them)** and the operator has to supervise its performance to guarantee that the process is going on the **(right/wrong/long)** track. Unfortunately, robots have limited movement and sight. They can't move as **(easy/easiness/easily)** as us and they don't have the freedom we enjoy.

6. Put the words between brackets in the right form or tense.

The evolution of technology is beneficial to humans for several reasons. At the medical level, technology can help treat more sick people and consequently save many lives and combat very **(harm)**..... viruses and bacteria. When observed more closely, new things **(discover)**..... every day. Let's take for instance when radio waves were invented, radio broadcasts followed suit almost immediately. The same applies to the television and electricity. If no one had discovered that electricity could be generated, then the entertainment industry wouldn't be at its current stage of development. Technology improves daily lives **(allow)**..... to move physical storage units to virtual storage banks and more. **(Science)**..... of the time are also able to send astronauts to the moon thanks to





technology. In the modern (**industry**)..... world, machines carry out most of the work and as a result, workers produce much (**many**)..... goods than a century ago and work less. For companies, progress is saving in time and therefore in money. Exchanges are faster especially with the internet. Sales and purchases (**now/ facilitate**)and possible worldwide. This allows businesses to buy raw materials with discounts or at (**reduce**)prices.

7. Fill in the blanks with 8 words from the box.

Expertise / trend / rather / investments/ apparently / talented / moreover / better / however/ opportunity

The migration of skilled individuals to other nations is referred to as the brain drain or the human capital flight. This migration of.....individuals may be due to conflicts, lack of....., or health hazards where they are living. In India, brain drain is.....the highest in the world as hundreds of educated individuals are yearly emigrating mainly to US for higher wages and.....opportunities. Though this.....has created innumerable problems in the public sector, it has resulted in less child labour, greater child schooling and a higher rate of people starting capital intensive enterprises.,the money migrants send back are spent more in.....such as education, health and housing,.....than on food and other goods. The money remittances have also reduced the level and severity of poverty.

8. Circle the best alternative:

Thirteen years ago two writers at the Wall Street Journal first used the term "glass ceiling". It [**was used-used-using**] to describe the invisible but largely impenetrable barrier to women's [**advancing-advancement-advanced**] in the workplace. later on the term quickly became part of the [**culture-cultural-culturally**] lexis. In recent years, glass ceiling has become a [**contentious-significant-prestigious**] topic. Some people think it doesn't really matter, others believe that the idea [**any longer-no longer-still**] has relevance in today's workplace. At the same time, more and more successful women [**had-has-have**] been able to open windows [**by-between- through**] glass ceiling and make it to the top. However, it is crucial that every woman [**be-is-was**] more self-confident to achieve her ambition.





Writing

1. Use the notes below to write a 4-line paragraph about **the Consumer Electronics Show (CSE)** .

Occurrence:	3-day event/ every year/ January
Venue:	Las Vegas Convention Centre/ USA
Organiser:	Consumer Technology Association (CTA)
Aims:	<ul style="list-style-type: none">- Introduce breakthrough technologies/ global innovators- Enable world's biggest brands/ do business/ meet new partners

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2. **Guided writing:** Use the following notes to write a 4-line paragraph about “drain brain”

Definition:	Migration/well-qualified/professionals/poor countries/developed countries/better standard of living.
Factors:	Scarcity/ job opportunities/ countries of origin/ high demand/ labor/ developed countries.
Consequences:	Poor countries/ thousands of highly-talented workers/ benefit/ rich countries.
Most affected countries	African countries/ Nigeria, Ethiopia, kenya.....

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3. Use the notes below to write a 4-line biography of Ken Kutaragi, the father of Playstation.

Date of birth:	August 2,1950/ Tokyo,Japan
Occupation :	<ul style="list-style-type: none">• Engineering technologist and businessman• Chairman of the video game division of Sony Corporation
Career :	<ul style="list-style-type: none">• Develop/ original console PlayStation/ 1994• Design/ the sound processor/ the Super Nintendo Entertainment System
Achievements and awards:	<ul style="list-style-type: none">• 2004/ named / Time magazine/ one of the best 100 most influential people• Game Developers Choice Awards / 2013





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