

First, sunlight shines onto the Earth's surface, (26) _____ it is absorbed and then radiates back into the atmosphere as heat. In the atmosphere, "greenhouse gases trap some of this heat, and the the rest escapes into space. The more greenhouse gases are in the atmosphere, the more heat gets trapped.

Scientists have known about the greenhouse effect since 1824, when Joseph Fourier calculated that the Earth would be much colder if it had no atmosphere. This greenhouse effect is what keeps the Earth's climate (27) _____. Without it, the Earth's surface would be an average of about 60 degrees Fahrenheit cooler. Scientists often use the term "climate change" instead of global warming. This is because as the Earth's average temperature climbs, winds and ocean currents move heat around the globe in ways that can cool some areas, warm (28) _____, and change the amount of rain and snow falling. (29) _____, the climate changes differently in different areas.

(Source: <https://www.open.edu/openlearncreate/mod/oucontent>)

Question 26: A. which	B. where	C. that	D. which
Question 27: A. lively	B. alive	C. livable	D. living
Question 28: A. others	B. another	C. one	D. the other
Question 29: A. However	B. In addition	C. On the contrary	D. As a result

Read the following passage and mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions.

In most families, conflict is more likely to be about clothing, music, and leisure time than about more serious matters such as religion and core values. Family conflict is rarely about such major issues as adolescents' drug use and delinquency. Nevertheless, it has been estimated that in about 5 million American families (roughly 20 percent), parents and adolescents engage in intense, prolonged, unhealthy conflict. In its most serious form, this highly stressful environment is associated with a number of negative outcomes, including juvenile delinquency, moving away from home, increased school dropout rates, unplanned pregnancy, membership in religious cults, and drug abuse (Steinberg & Morris, 2001).

Many of the changes that define adolescence can lead to conflict in parent-adolescent relationships. Adolescents gain an increased capacity for logical reasoning, which leads them to demand reasons for things they previously accepted without question, and the chance to argue the other side (Maccoby, 1984). Their growing critical-thinking skills make them less likely to conform to parents' wishes the way they did in childhood. Their increasing cognitive sophistication and sense of idealism may compel them to point out logical flaws and inconsistencies in parents' positions and actions. Adolescents no longer accept their parents as unquestioned authorities. They recognize that other opinions also have merit and they are learning how to form and state their own opinions. Adolescents also tend toward ego-centrism, and may, as a result, be ultra-sensitive to a parent's casual remark. The dramatic changes of puberty and adolescence may make it difficult for parents to rely on their children's preadolescent behavior to predict future behavior. For example, adolescent children who were compliant in the past may become less willing to cooperate without what they feel is a satisfactory explanation.

Question 34: According to the passage, the word "it" may refer to _____.

A. remark	B. adolescent
C. ego-centrism	D. None of the above

Read the following passage and mark the letter A, B, C, or D to indicate the answer to each of the question from 35-42

Educating children at home as an alternative to formal education is an option chosen by families in many parts of the world. The homeschooling movement is popular in the United States, where close to one million Children are educated at home. In Canada, 1 percent of school-age children are homeschooled, and the idea also enjoys growing popularity in Australia, where 20,000 families homeschool their children. The movement is not limited to these countries. Homeschooling families can be found all over the world, from Japan to Taiwan to Argentina to South Africa.

Homeschooling is not a novel idea. In fact, the idea of sending children to spend most of their day away from home at a formal school is a relatively new custom. In the United States, for example, it was not until **the latter part of the nineteenth century** that state governments began making school attendance compulsory. Before **that**, the concept of a formal education was not so **widespread**. Children learned the skills they would need for adult life at home from tutors or their parents, through formal instruction or by working side by side with the adults of the family.

In the modern developed world, where the vast majority of children attend school, families choose homeschooling for a variety of reasons. For people who live in remote areas, such as the Australian outback or the Alaskan Wilderness, homeschooling may be their only option. Children who have exceptional talents in the arts or other areas may be homeschooled so that they have more time to devote to their special interests. Much of the homeschooling movement is made up of families who, for various reasons, are dissatisfied with the schools available to them. They may have a differing educational philosophy, they may be concerned about the safety of the school environment, or they may feel that the local schools cannot **adequately** address their children's educational needs. Although most families continue to choose a traditional classroom education for their children, homeschooling as an alternative educational option is becoming more popular.

Question 36: What does the word “that” in paragraph 2 refer to?

A. the second half of the 19th century B. the beginning of the 19th century
C. the former part of the 19th century D. the end of the 19th century

Mark the letter A, B, C, or D on your answer sheet to indicate the underlined part that needs correction in each of the following questions.

Question 43: The man, together with his family, were invited to the Clambake last night.

A **B** **C** **D**

Question 44: For such a demanding job, you will need qualifications, soft skills and having full commitment.

A B C D

Mark the letter A, B, C, or D on your answer sheet to indicate the sentence that is closest in meaning to each of the following questions

Question 46: Meaningful silence is always better than meaningless words.

- A. Meaningless words are not so good as meaningful silence.
- B. Meaningful silence is the best among meaningful words.
- C. Silence is always less meaningful than words are.
- D. Words are always meaningless, and so is silence.

Question 47: "I'll take the children to the park," said the husband to his wife.

- A. The husband asked the wife to take the children to the park.
- B. The husband offered to take the children to the park.
- C. The husband insisted on taking the children to the park.
- D. The husband requested to take the children to the park.

Question 48: Is it necessary to meet the manager at the airport?

- A. Did the manager have to be met at the airport?.
- B. Does the manager have to be met at the airport?.
- C. Is the manager had to be met at the airport?.
- D. Does the manager have to meet at the airport?.

Mark the letter A, B, C, or D on your answer sheet to indicate the sentence that best combines each pair of sentences in the following questions

Question 49: If her teacher hadn't advised her, she wouldn't have written such a good essay.

A. Her teacher advised him and she didn't write a good essay.
B. Her teacher didn't advise her and she didn't write a good essay.

C. She wrote a good essay as her teacher gave her some advice.

D. Without her teacher's advice, she would never have written such a good essay.

Question 50: He started computer programming as soon as he left school.

A. No sooner had he started computer programming than he left school.

B. Hardly had he started computer programming when he left school.

C. No sooner had he left school than he started computer programming.

D. After he left school, he had started computer programming.