**climate change**

Climate change is a pressing issue that affects everyone on our planet. Over the past century, Earth’s climate has warmed significantly. This warming is primarily due to the increase in greenhouse gases released by human activities such as burning fossil fuels, deforestation, and industrial processes. These gases, including carbon dioxide and methane, trap heat in the atmosphere, much like a blanket keeps you warm.

Scientists have observed various changes in our environment as a result. For instance, glaciers and ice caps are melting at an alarming rate, leading to rising sea levels. This can cause flooding in coastal areas, threatening homes and natural habitats. Additionally, weather patterns are becoming more unpredictable, with more severe storms, droughts, and heatwaves. Such events can lead to challenges for agriculture, water supplies, and ultimately, human health and safety.

While the situation seems dire, there are actions that individuals and governments can take to address climate change. Reducing carbon emissions is a crucial step. This can be achieved by using renewable energy sources like solar, wind, and hydro power. Moreover, improving energy efficiency in homes and industries can significantly cut down on unnecessary energy waste. Planting trees is another effective way to absorb carbon dioxide from the atmosphere.

Everyone has a role to play in combating climate change. Simple daily actions, such as recycling, reducing waste, and using public transportation, can make a difference. By staying informed and making conscious choices, we can contribute to a healthier planet. We must act now to ensure a sustainable future for ourselves and future generations.

***Choose the right variant***

1. According to the passage, which of the following is the main cause of climate change?

A. Deforestation

B. Burning of fossil fuels

C. Excessive use of renewable energy

D. Natural climate cycles

2. Which of the following effects of climate change is mentioned in the passage?

A. Decreased agricultural productivity

B. Improved water supplies

C. More predictable weather patterns

D. Rising sea levels

3. What is one individual action that can help address climate change, as mentioned in the passage?

A. Reducing waste and recycling

B. Driving more fuel-efficient vehicles

C. Increasing use of fossil fuels

D. Both A and B

4. What is the main message conveyed in the passage?

A. Governments are solely responsible for addressing climate change.

B. Climate change is an irreversible problem.

C. Climate change is a pressing issue that requires action from everyone.

D. There is no need to worry about climate change in the near future.

5. Which of the following is not mentioned as an effect of climate change in the passage?

A. Severe storms

B. Droughts

C. Heatwaves

D. Increased agricultural productivity

6. What is the primary purpose of the passage?

A. To provide an overview of the causes and effects of climate change

B. To argue against the existence of climate change

C. To criticize the actions taken by governments to address climate change

D. To highlight the role of renewable energy in solving climate change

7. According to the passage, which of the following is an effective way to reduce carbon emissions?

A. Increasing the use of fossil fuels

B. Decreasing the use of public transportation

C. Reducing tree planting

D. Improving energy efficiency

***Identify if the statement is true or false. Correct false statements***

1. Climate change is a problem that only affects certain regions of the world.

2. Human activities are a major cause of the increase in greenhouse gases.

3. Melting glaciers contribute to rising sea levels, which can lead to flooding.

4. Weather patterns are becoming more stable and predictable due to climate change.

5. Using renewable energy sources can help reduce carbon emissions.

6. Individuals have no impact on climate change and should leave it to governments.

7. Taking small actions like recycling can help improve the environment.