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1. Reducing the amount of future climate change is called:

- A. Mitigation
- B. Geo- engineering
- C. Adaptation
- D. None of these

Ans: A

2. The most visually striking evidence of global warming is:

- A. The increased precipitation along the Gulf coast states
- B. Highly varying temperature fluctuations felt during the winter months
- C. Rapid melting of glacial ice on nearly every continent
- D. All of the above

Ans: C

3. Climate represents.....

- A. The long-term average weather and its statistical variation for a given region
- B. Weather averaged over a year
- C. It is a measure of variations in the amount of precipitation
- D. None of the above

Ans: A

4. Greenhouse effect refers to:

- A. Ability of atmosphere to retain water vapor
- B. Ability of certain atmospheric gases to trap heat and keep the planet relatively warm
- C. Ability of cloud to scatter electromagnetic radiation
- D. None of the above

Ans: B

5. Loss of sea ice by melting in the Arctic Ocean:

- A. Will result in sea-level rise
- B. May result in positive feedback that amplifies global warming
- C. Will result in cooler temperature in the Arctic
- D. None of the above

Ans: B

6. Which of the following gas does not contribute to the global warming?

- A. Methane
- B. Carbon dioxide
- C. Sulphur
- D. Acetylene

Ans: D

7. Energy sources that do not increase carbon emissions include –

- A. Solar cells
- B. Wind mills
- C. Nuclear power plants
- D. All of the above

Ans: C

8. How does climate change (global warming) affect human health?

- A. By increasing illnesses such as heat stress , cardiovascular disease and kidney disease
- B. By increasing respiratory illnesses such as asthma and allergies
- C. By increasing insect borne infections such as dengue fever
- D. All of the above

Ans: D

9. Which of the following do you think has the least impact of climate change in forests?

- A. Change in quality and quantity of wood supply
- B. Loss of biodiversity
- C. Loss of forest based employment
- D. Altered forest productivity

Ans: C

10.is the artificial modification of Earth's climate systems through two primary ideologies, Solar Radiation Management (SRM) and Carbon Dioxide Removal (CDR).

- A. Adaptation
- B. Geo- engineering
- C. Synchronization
- D. Mitigation

Ans: B