

1008 Dreketi Sangam School
Social Science
Marking Scheme
Year 8

1. Define global warming - Global warming is the phenomenon of a gradual increase in the temperature near the earth's surface

2. State two cause of global warming?

Man-made Causes of Global Warming

Deforestation, Use of Vehicles, Chlorofluorocarbon, Industrial Development, Agriculture, Overpopulation

Natural Causes of Global Warming

Volcanoes, Water Vapour, Forest Blazes

3. Explain two effects of global warming?

- Rise in Temperature- This has resulted in an increase in the melting of glaciers, which have led to an increase in the sea level. This could have devastating effects on coastal regions.
- Threats to the Ecosystem, Climate Change, Spread of Diseases, High Mortality Rates, and Loss of Natural Habitat

4. List down three things that can be done to reduce global warming?

a. Plant trees

b. Create more sustainable transportation habits;

- Instead of ordering a private ride, do a ride share or use public transportation.
- Avoid rapid acceleration and braking
- Walk and bike to your destination whenever possible
- When buying a new car, choose a climate-friendly option.

c. Reduce the use of fossil fuels

d. Conserve energy/ use energy efficient appliances/ use renewable energy.

e. Reduce the use of CFC products.

f. Create awareness

g. Reducing pollution (specially air pollution)

h. Plan and Practice sustainable development

5. Describe sea level rise?

Rise in temperature results in an increase in the melting of glaciers, which leads to an increase in the sea level.

6. What are some of the impacts of sea level rise?

It can cause destructive coastal erosion, wetland flooding, loss of land, aquifer and agricultural soil contamination with salt, and lost habitat for fish, birds, and plants.

7. Explain climate change? A change in global or regional climate patterns, in particular a change apparent from the mid to late 20th century onwards and attributed largely to the increased levels of atmospheric carbon dioxide produced by the use of fossil fuels

8. Students can draw answers related to question number 2 above.