

GK-7

Chapter 9: Climate Change - Worksheet

Multiple Choice Questions (MCQs)

- 1. Global warming occurs mainly due to an increase in:**
a) Oxygen b) Carbon dioxide c) Nitrogen d) Helium
- 2. Which human activity contributes MOST to global warming?**
a) Planting trees b) Deforestation c) Recycling d) Using bicycles
- 3. Gangotri glacier is retreating by how many feet every year?**
a) 10 ft b) 50 ft c) 98 ft d) 200 ft
- 4. Grass growing in Antarctica is an effect of:**
a) Pollution b) Over-farming c) Global warming d) Mining
- 5. Sea level is estimated to rise by how much by 2100?**
a) 5 inches b) 10 inches c) 15 inches d) 19 inches

Fill in the Blanks

1. Global warming is caused by the buildup of _____ gases.
2. _____ is retreating by 98 feet every year.
3. Grass has started growing in _____ due to rising temperatures.
4. Climate is the average of weather over _____ and _____.
5. _____ pollution from vehicles contributes to global warming.

True / False

1. Weather and climate mean the same thing. (True/False)
2. CO₂ traps heat in the atmosphere. (True/False)
3. Snow has fallen for the first time ever over Al-Jees mountains in Dubai. (True/False)
4. Mosquitoes spread due to changing heat and humidity. (True/False)
5. Sea levels are not affected by global warming. (True/False)

Match the Following

- | | |
|------------------------|-----------------------------|
| A. CO ₂ | 1. Traps heat |
| B. Gangotri | 2. Glacier retreat |
| C. Deforestation | 3. Increases global warming |
| D. Grass in Antarctica | 4. Evidence of warming |
| E. 19 inches | 5. Sea level rise |

Short Answer Questions

1. What is global warming?
2. How does deforestation contribute to global warming?
3. Why is the growth of grass in Antarctica concerning?
4. What is the greenhouse effect?
5. Mention any two human activities responsible for climate change.