

# GK-7

## Chapter 9: Climate Change – Answer Key

### Answers – Multiple Choice Questions (MCQs)

1. b) Carbon dioxide
2. b) Deforestation
3. c) 98 ft
4. c) Global warming
5. d) 19 inches

### Answers – Fill in the Blanks

1. greenhouse
2. Gangotri glacier
3. Antarctica
4. time and space
5. Smoke

### Answers – True / False

1. False
2. True
3. True
4. True

5. False

### **Answers - Match the Following**

A — 1

B — 2

C — 3

D — 4

E — 5

### **Answers - Short Answer Questions**

1. Global warming is the increase in Earth's temperature due to greenhouse gases trapping heat.
2. Deforestation reduces the number of trees that absorb CO<sub>2</sub>, increasing greenhouse gases.
3. It shows that temperatures are rising even in the coldest parts of the world.
4. The greenhouse effect occurs when gases like CO<sub>2</sub> trap heat in the atmosphere and warm the Earth.
5. Examples: burning fossil fuels, deforestation, industrial pollution, vehicle smoke.