

CHAPTER-7 | Temperature and its Measurement

QUIZ
PART-02

1. Normal body temperature is:

- A. 35°C
- B. 36°C
- C. 37°C
- D. 40°C (C)

Explanation: Normal body temperature is 37°C.

2. 37° C equals:

- A. 96.6°F
- B. 98.6°F
- C. 100°F
- D. 102°F (B)

Explanation: 37°C is equal to 98.6°F.

3. SI unit of temperature is:

- A. Celsius
- B. Fahrenheit
- C. Kelvin
- D. Degree (C)

Explanation: Kelvin is the SI unit.

4. Body temperature varies due to:

- A. Age
- B. Time of day
- C. Activity
- D. All of these (D)

Explanation: All these factors affect body temperature.

5. Armpit temperature is usually:

- A. Higher than mouth
- B. Same
- C. Lower than mouth
- D. Double (C)

Explanation: Armpit readings are 0.5–1°C lower.

6. Celsius to Kelvin conversion formula:

- A. °C – 273
- B. °C + 273.15
- C. °C × 100
- D. °C ÷ 2 (B)

Explanation: Kelvin = Celsius + 273.15.

7. Before thermometers, fever was checked by:

- A. Weight
- B. Pulse rate
- C. Height
- D. Voice (B)

Explanation: Pulse rate was used to detect fever.

8. Infrared thermometers were widely used during:

- A. World War
- B. COVID-19
- C. Olympics
- D. Festivals (B)

Explanation: Used for contactless screening during COVID-19.

9. Infrared thermometers measure temperature:

- A. By touching
- B. By shaking
- C. From distance
- D. By smell (C)

Explanation: They measure temperature without contact.

10. Kelvin is written as:

- A. °K
- B. K°
- C. K
- D. k (C)

Explanation: Kelvin is written as K without degree symbol.