Multiple Choice Questions

1 Water freezes at

A. 0°F
B. 32°F
C. -273K
D. 0K

2 Normal human body temperature is

A. 15°C
B. 37°C
C. 37°F
D. 98.6°C

3 Mercury is used as thermometric material because it has

A. uniform thermal expansion
B. low freeing point
C. small heat capacity
D. all the above properties

4 Which of the following material has large specific heat?

A. copper
B. Ice
C. Water
D. Mercury

5 Which of the following material has large value of temperature coefficient of expansion?

A. Aluminum
B. Gold
C. Brass
D. Steel

6

What will be the value of β for a solid for which a has a value of 2 × ⟦10⟧^(-5) K^(-1)?

A. 2 × ⟦10⟧^(-5) K^(-1)
B. 6 × ⟦10⟧^(-5) K^(-1)
C. 8 × ⟦10⟧^(-15) K^(-1)
D. 8 × ⟦10⟧^(-5) K^(-1)

7 A large water reservoir keeps the temperature of nearby land due to

A. low temperature of water
B. low specific heat of water
C. less absorption of heat
D. large specific heat of water

8 Which of the following affects evaporation?

A. Temperature
B. surface area of the liquid
C. Wind
D. all of the above

Correct Answers

1. B	2. B	3. D	4. C
5. A	6. B	7. D	8. D

ClassNotes