

Heat and Thermodynamic Physics MCQs

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1. In which terms expressed hotness or coldness of an object:

- A. Temperature
- B. Heat
- C. Chemical energy
- D. Thermal energy

Answer - Click Here:

A

2. Why mercury is used as a thermometric substance, it is because of:

- A. Specific heat is low
- B. does not stick to a glass
- C. Opaque
- D. All of the above
- E. None of these

Answer - Click Here:

D

3. What is the human body temperature on the Kelvin scale?

- A. 273 k
- B. 345 k
- C. 123 k
- D. None of these

Answer - Click Here:

D

4. How heat is produced?

- A. By friction
- B. By rubbing
- C. All of the above
- D. None of these

Answer - Click Here:

C

5. The mathematical form of charle's law is

- A. $V \propto 1/2$
- B. $V \propto T$
- C. $P \propto V$
- D. $P \propto T$

Answer - Click Here:

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B

6. Melting of point Ice is _____ when the pressure is increased:

- A. Remains unchanged
- B. Increase
- C. Raises first and lower
- D. Decrease

Answer - Click Here:

D

7. Unit of pressure is...

- A. Volume
- B. One pascal
- C. Weight
- D. Force

Answer - Click Here:

B

8. Why on hot days white clothes become worn it is due to they are...

- A. Reflectors
- B. Radiators
- C. Emitters
- D. Absorbers
- E. None of these

Answer - Click Here:

A

9. Relationship between Heat and _____ is called thermodynamics.

- A. Solid
- B. Liquid
- C. Other forms of energy
- D. Gas

Answer - Click Here:

C

10. When the pressure of the system remains constant, it is called _____ process.

- A. Isobaric
- B. Isothermal
- C. Adiabatic
- D. Isochoric

Answer - Click Here:

A

11. Who was first proposed the absolute scale of temp?

- A. Celsius
- B. Joule

- C. Carnot
- D. Kelvin
- E. Robert

Answer - Click Here:

D

12. What will be the Internal energy of the isothermal process...

- A. Decrease
- B. Increase
- C. Remain constant
- D. Change time to time

Answer - Click Here:

B



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