

Heat Transfer Objective Questions and Answers Pdf Download

1. Formation of fog is due to
- low pressure
 - high pressure
 - night showers
 - temperature fall of atmosphere

Ans: D

2. Hygrometer is used to measure
- convective heat transfer coefficient
 - heat exchanged due to vapour
 - density of liquids
 - relative humidity

Ans: D

3. The triple point temperature for water is
- 0 K
 - 0 $^{\circ}$ C
 - 01 $^{\circ}$ C
 - 0.01 $^{\circ}$ C

Ans: D

4. What energy transformation takes place when ice is converted into water
- heat energy to kinetic energy
 - kinetic energy to heat energy
 - heat energy to latent energy
 - heat energy to potential energy

Ans; C

5. An isotherm is a graph
- connecting points of equal temperature
 - showing pressure volume changes at constant temperature
 - connecting points of equal pressure
 - showing product of pressure and volume against pressure

Ans: B

6. Which of the following material has highest value of thermal diffusivity?
- concrete
 - mineral wool
 - wood
 - lead

As; D

6. Which of the following material has least value of thermal diffusivity?
- lead
 - mercury
 - aluminium
 - rubber

Ans: D

7. In air preheater for boiler, heat is least transferred by

- a. conduction
- b,. convection
- c. conduction and convection
- d. radiation

Ans: D

8. Thermal conductivity of wood least depends on

- a. moisture
- b. density
- c. temperature
- d. grain orientation

Ans: D

9. Insulation in cavity wall is

- a. water
- b, air
- c. cork
- d. wood

Ans: B

10. A device for transferring heat from one fluid to another is known as

- a. conductor
- b. radiation
- c. heat exchanger
- d. evaporation

Ans: C