

Heat Transfer Interview Questions and Answers Pdf Download

1. Transmission of heat by molecular collision is

- a. Conduction
- b. Convection
- c. Radiation
- d. Scattering

Ans: B

2. The highest value of thermal conductivity is expected for

- a. solid ice
- b. melting ice
- c. water
- d. boiling water

Ans: A

3. Longest wavelength

- a. gamma rays
- b. x rays
- c. ultraviolet rays
- d. radio waves

Ans: A

4. The first stage of crystal formation is

- a. nucleation
- b. separation
- c. foaming
- d. vortexing

Ans: A

5. Which of the following is used as entrainer in acetic acid water separation?

- a. methyl alcohol
- b. hexane
- c. Phosphorous
- d. Butyl acetate

Ans: D

6. The process of separation of solutes of different molecular sizes in a liquid solution by use of a suitable membrane is known as

- a. Hyper adsorption
- b. Distillation
- c. Adsorption
- d. Dialysis

Ans: D

7. Heat sensitive liquids are connected

- a. by using insulated vessels

- b. by using small quantities
- c. by using deoxidisers
- d. by using vacuum

Ans: D

8. Steam traps are used to
- a. regulate the flow
 - b. balance the pressure
 - c. remove condensate
 - d. heat stream

Ans: C

9. Maximum heat transfer rate can be expected in case of
- a. turbulent flow
 - b.. laminar flow
 - c. co-current flow
 - d. counter current flow

Ans: A

10. The process of removal of oil from oil cakes is known as

- a. leaching
- b. decoction
- c. osmosis
- d. soret effect

Ans: A

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