

## MULTIPLE CHOICE

Choose the correct answer from the following choices:

**i. In solids, heat is transferred by:**

- radiation
- conduction
- convection
- absorption

**ii. What happens to the thermal conductivity of a wall if its thickness is doubled?**

- becomes double
- remains the same
- becomes half
- becomes one fourth

**iii. Metals are good conductor of heat due to the:**

- free electrons
- big size of their molecules
- small size of their molecules
- rapid vibrations of their atoms

**iv. In gases, heat is mainly transferred by:**

- molecular collision
- conduction
- convection
- radiation

**v. Convection of heat is the process of heat transfer due to the:**

- random motion of molecules
- downward movement of molecules
- upward movement of molecules
- free movement of molecules

<b>vi. False ceiling is done to</b>	
lower the height of ceiling keep the roof clean cool the room insulate the ceiling	
<b>vii. Rooms are heated using gas heaters by:</b>	
Conduction only Convection and radiation Radiation only Convection only	
<b>viii. Land breeze blows from:</b>	
sea to land during night sea to land during the day land to sea during night land to sea during the day	
<b>ix. Which of the following is a good radiator of heat?</b>	
a shining silvered surface a dull black surface a white surface green coloured surface	