Multiple Choice Questions

9.1 Encircle the correct answer from the given choices

i. In solids, heat is transferred by

A. Radiation B. Conduction
C. Convention D. Absorption

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

A. Becomes double B. Remains the same
C. Becomes half D. Becomes one fourth

iii. Metals are good conductors of heat due to

A. Free electrons B. Big sizes of their moecules
C. Small sizes of their molecules D. Rapid vibrations pf their atoms

iv. In gases, heat s mainly transferred by

A. Conduction B. Radiation
C. Convention D. Absorption

v. Convention of heat is the process of heat transfer due to

A. Random motio of molecules
B. Downward motion of molecules
C. Upward movement of molecules
D. Free movement of molecules

vi. False ceiling is done to

A.Lower heat of ceiling B. keep the roof clean
C. Radiation only D. insulate the ceiling

vii Rooms are heated using gas heaters by

A. Conduction only B. Convention and radiation
C. Radiation only D. Convention only

viii Land breezes blows from

A. Sea to land during night B. Sea to land during day
C. Land to sea during night D. Land to sea during day

ix Which of the following is a good radiator of heat

A. A shiny silvered surface B. A dull black surface
C. A white surface D. A green colored surface

Answers

i. B ii.C iii.A iv.C v.C vi.D vii.B viii.C

ix.B