

Subject → PHYSICS TENDER HEART HIGH SCHOOL; SEC-33B, CHD.

Date → February 17, 2025

CLASS-VII

Practice assignment for Ch - Heat

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Q1 (a) Define the following terms:—

- (i) Conduction (ii) Radiation (iii) Temperature (iv) Thermometer
(v) Heat

Q2 → Write units of heat. Ans Units of heat are joule and calorie (Cal)
(S.I. unit of heat is joule)

Q3 → Name the different scales for the measurement of temperature.

- Q4 → Write relation between (i) Celsius and Fahrenheit
(ii) Celsius and Kelvin

Q5 → Why chimneys are provided over furnaces in factories?

Q6 → In convection, in which direction the heat flows.

Q7 → Why we wear woolen clothes in winter? Give reason.

Q8 → Define one calorie

Q9 → Name the fastest mode of heat transfer.

Ans :- Radiation

Q10 → Conduction mainly occurs in which materials?

Ans → Conduction mainly occurs in solids.

Q11 → Convection takes place in which materials?

Ans liquids and gases.

Q12 → Name poor conductors of heat.

Ans Still air, ^{pure} water, wool, Cotton, mud etc.

Q13 → Convert (a) 25.5°C in (a) Fahrenheit (b) Kelvin scale

Q14 → Convert (a) 50°C in (a) Fahrenheit (b) Kelvin scale