

# Class-8 [Physics]



## (CHAPTER - 1 and 2)

- Q1. Explain the kinetic theory of matter.
- Q2. Differentiate between fusion and solidification.
- Q3. Why a wooden log cannot be compressed?
- Q4. Why does a camphor tablet get converted to fumes on heating?
- Q5. Why does ice float on water?
- Q6. Choose the odd one out giving reason. (CH-2 of book)
- Q7. A piece of wood has a mass of 150 g. If it occupies a volume of  $200 \text{ cm}^3$ , find its density.
- Q8. If 96.5 g of gold has a volume of  $5 \text{ cm}^3$ , What is the density of gold?
- Q9. A metal piece has a density of  $11.2 \text{ kg m}^{-3}$ . If its mass is 224 kg, find the volume occupied by it.
- Q10. If a 96.5 g piece of aluminium has a density of  $2.7 \text{ g cm}^{-3}$ , what is its volume?