

Attempt questions

- 1 Define coefficient of volume expansion write its unit. 1
- 2 Why gaps are left in railway tracks? 2
- 3 Define heat capacity. 3
- 4 How evaporation differs from vaporization? 4
- 5 Find the heat capacity of 5kg water. 5
- 6 Define lower and upper fixed points. 6
- 7 Describe Fahrenheit scale. 7
- 8 Define thermal expansion. 8

Attempt questions

- 1 Find the volume of a brass cube at 100°C whose side is 10cm at 0°C . (Coefficient of linear thermal expansion of brass $= 1.9 \times 10^{-5} \text{K}^{-1}$). 1
- 2 Explain three scales of temperature. 2