

Section B :

Question 5

The enthalpy of vaporisation of a substance is the heat absorbed by one mole of substance as it is converted from a liquid to a gas . The _____ the enthalpy of vaporisation , the stronger the strength of the _____ .

Vapour pressure is the pressure that is exerted on the walls of a sealed container when a substance evaporates. It depends on _____ and intermolecular forces. As a liquid is heated, the average kinetic energy of its particles increases. The bubbles begin to form in the body of the liquid. When the vapour pressure is equal to the _____ , the bubbles rise to the surface of liquid and burst. Liquid boils at _____ boiling point at lower atmospheric pressure.

lower	atmospheric	[5 marks]
	pressure	
temperature		
higher	intermolecular	
	forces	