

Wet Stuff 3

Refer to TABLE H

- 1) What is the relationship between the strength of the attractions between the molecules in a liquid, its vapor pressure and boiling point ?

- 2) Which of the following liquids has the weakest attractions between its molecules?
a) propanone b) ethanol c) water d) ethanoic acid

- 3) Which of the following liquids has the highest normal boiling point?
a) propanone b) ethanol c) water d) ethanoic acid

- 4) State two ways to make a liquid boil.

- 5) Compare the boiling points of water at, above, and below sea level.

- 6) What happens to the temperature of water boiling in a vacuum as it continues to boil? Explain.

- 7) Does food cook faster or slower in a pressure cooker? Explain.