

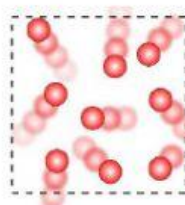
Name:

Form:

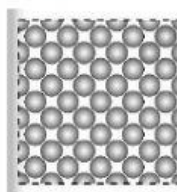
MATTER

A) Match the state to the correct representation of it:

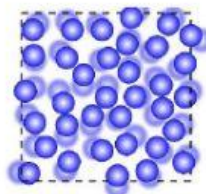
LIQUID



GAS



SOLID



(3 marks)

B) Write appropriate statements in the bank spaces to complete the table:

	Gas	Liquid	Solid
Arrangement of particles	Well separated; Particles move freely in any direction	Relatively well separated; Particles slide over each other	
Shape		Takes the shape of the bottom of its container; water surface horizontal (flat)	Shape definite and does not change to fit container
Volume	Easily compressed or expanded		Very difficult to compress or expand

(6 marks)

C) Fill in the blanks with the correct word or phrase from the list below:

Addition of heat *Melting point* *Condensation* *Freezing*
Evaporation *Boiling point* *Sublimation* *Removal of heat*

Matter can exist in solid, liquid or gas states. When a gas changes to a liquid, the process is known as _____. Sometimes a gas can change state directly to a solid without passing through the liquid state and this is called _____.

The _____ is the point at which a solid changes to a liquid or a liquid changes to a solid, while the point at which a liquid changes to a gas or a gas changes to a liquid is known as the _____. Substances are caused to melt by the _____ and are caused to freeze by the _____.

(6 marks)