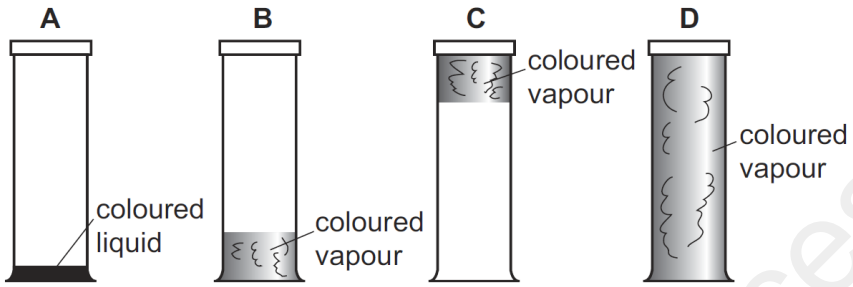
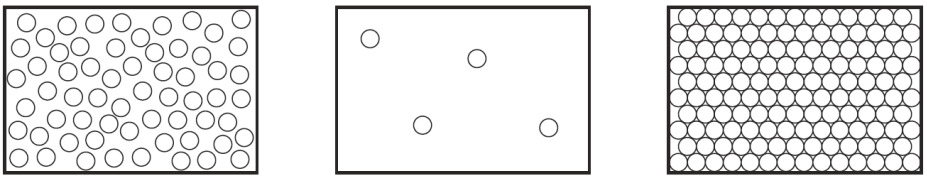
NO:	PROPERTIES OF SOLIDS LIQUIDS AND GASES-SET-1
1	A coloured liquid vaporises easily at room temperature. Some of the liquid is placed at the bottom of a sealed gas jar. Which diagram shows the appearance of the jar after several hours? 
Ms-1	D
2	In which of the following are the particles arranged in a regular pattern? **A** a gas **B** a liquid **C** a metal **D** a solution
Ms-2	C
3	At room temperature, in which substance are the particles furthest apart? **A** H_2 **B** H_2O **C** Mg **D** MgO
Ms-3	A

4	The diagrams show the arrangement of particles in three different physical states of substance X.  state 1 state 2 state 3 Which statement about the physical states of substance X is correct? **A** Particles in state 1 vibrate about fixed positions. **B** State 1 changes to state 2 by diffusion. **C** State 2 changes directly to state 3 by condensation. **D** The substance in stage 3 has a fixed volume.
Ms-4	D
5	Some students are asked to describe differences between gases and liquids. Three of their suggestions are: 1 gas molecules are further apart; 2 gas molecules are smaller; 3 liquid molecules vibrate around fixed positions. Which suggestions are correct? **A** 1 only **B** 2 only **C** 3 only **D** 1, 2 and 3
Ms-5	A