

B.C.M SCHOOL BASANT AVENUE DUGRI ROAD LUDHIANA
CLASS – VIII SCIENCE
CHAPTER -1(MATTER IN OUR SURROUNDINGS)
ASSIGNMENT ANSWER KEY

- 1.c.diffusion.
- 2.c. Low temperature and high pressure
- 3.c. If A is true but R is false
- 4.a.Both, A and R, are true and R is the correct explanation of A
- 5.Matter is anything which occupy space and has mass.

Characteristics.

- *Particles of a matter are very small and have space between them.
 - *Particles of matter are continuously moving.
 - *Particles of matter attract each other.
- 6.(a) Solids have a definite shape and definite volume. (b) Liquids have a definite volume but no definite shape.
- 7.Evaporation is the process by which a liquid turns into a gas.

Evaporation	Boiling
Surface phenomenon	Bulk phenomenon
Slow process	Fast process
causes cooling	do not cause cooling

8. a. Rate of evaporation is high.
b.due to high temperature K.E. increases
9. A.Fusion. B.Vaporisation. C. Condensation D.Solidification Sublimation F. Deposition
- 10.i.b.All (A), (B) and (C) are correct
ii.a.remains the same.
iii.c.temperature becomes constant.
iv. Water
373K