

**Summer vacation homework 2020-21**  
**Sub-Chemistry**  
**Class 9th A/9th B**

**Topic-Matter in our surrounding**

Q1)(a) tabulate the differences in the characteristics of States of matter

(b) comment upon the following:-

rigidity, compressibility, fluidity, filling a gas container, shape, kinetic energy and density

Q2) Give reason:-

(a) naphthalene balls disappear with time without leaving any solid

(b) we can get the smell of perfume sitting several metres away

**Topic:-Is matter around us pure**

Q1) what are physical and chemical change? Give at least five examples of each

Q2) differentiate between element, compounds and mixture.