

**GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ**

**WORKSHEET 1**  
**SESSION 2020-21**  
**CLASS- 9 A, B, C, D, E, F**  
**SUBJECT: CHEMISTRY**

INSTRUCTIONS: Parents are expected to ensure that the student spends two days to read and understand the topic of the chapter according to the books and websites referred and thereafter answer the given questions.

Note: Chapter-The language of Chemistry

Topic:- Chemical names and Chemical formulae

Student should refer to books related to Class 6, 7 & 8 for reference and also the following websites:

[www.wikipedia.com](http://www.wikipedia.com) or [chem.libretexts.org](http://chem.libretexts.org)

**Answer the following questions**

**Q1).** What do the following symbols or formulae denote?

- (a) Cl (b) 2Cl (c) Cl<sub>2</sub> (d) 3Cl<sub>2</sub> (e) 6NaOH

**Q2)** Write the valency of:

- (a) Fluorine in CaF<sub>2</sub>  
(b) Sulphur in SF<sub>6</sub>  
(c) Copper in Cu<sub>2</sub>O  
(d) Magnesium in Mg<sub>3</sub>N<sub>2</sub>  
(e) Nitrogen in N<sub>2</sub>O<sub>5</sub>

**Q3)** Write the basic and acidic radicals of the following and then write the chemical formulae of these compounds:

- (a) Sodium zincate  
(b) Bismuth nitrate  
(c) Potassium manganate  
(d) Calcium oxide  
(e) Copper (I) sulphide

**Q4)** Match:

**Common name**

- (a) Lime stone  
(b) Lime water  
(c) Baking soda  
(d) Caustic soda  
(e) Quick lime

**Formula**

- NaOH  
NaHCO<sub>3</sub>  
CaO  
CaCO<sub>3</sub>  
Ca(OH)<sub>2</sub>

**“END”**