**Birla Public School**

**Summer Holidays Home assignment (2018-19)**

**Class-X**

**Sub-Chemistry**

1. Prepare a model/project/ 4minute activity on any one topic from your Chemistry syllabus (Reference can be NCERT textbook, any reference book or internet etc.)

2. Collect information about any 10 ions( like cation/anion, monoatomic/polyatomic, valency ) and make 10 small cards for each ion.

4. Write the names and chemical formula of 25 ionic compounds.

3.Write 25 balanced chemical equations using compounds written in “2”.

5. Read the following topics thoroughly and highlight the main points and pen down in your notebook :

1. Oxidation- Reduction

2. Chemical properties of acids

3. Chemical properties of metals

4. Soaps and detergents

5. Features of a group and a period in a periodic table