

# ***HOMework FOR CLASS 8<sup>th</sup>***

## ***SUBJECT: CHEMISTRY***

**NOTE:** Answer all questions in your note book. Also learn these answers by heart.

### **CHAPTER: 3 PERIODIC TABLE**

- What is the chemistry of fireworks?
- In which pattern modern periodic table was arranged?
- How many elements are placed in 4<sup>th</sup> period?
- How many elements are in there in first three periods and what are their names and symbols?
- From which element lanthanide series start?
- From which period actinides series start?
- What is the reason of arranging elements in a group?
- What do you mean by periodic function?
- Why are the elements called S or P block elements?
- Write down the names of the elements of group 1 and 2 with their symbols?
- Write a note on groups in periodic table
- What is meant by atomic radius?

- How does size of atoms change down the group?
- What is shielding effect?
- How does shielding effect vary down the group?
- How does shielding effect vary along the period?
- Define ionization energy.
- Define first ionization energy?
- How does ionization energy change along the period?
- How does ionization energy change down the group?
- Define electronegativity.
- What are trends of electronegativity in the periodic table?
- Which element has highest electronegativity?
- Why do the bigger size atoms have more shielding effect?
- Define electron affinity.
- Discuss the trends of electron affinity in periodic table.
- What are SI units of atomic radius?
- How does the size of atom vary along the period?
- Why shielding effect of electrons make cation formation easy?
- Why are noble gases not reactive?

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