

Chemistry
Class-9
Chapter-4
Periodic Table
Subject teacher- Syeeda Sultana
Work sheet -5
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Exercise:

Write down the answers of the following questions on your copy.

Questions:

1. What is electron affinity?
2. Between Ca and Mg, which has the higher electron affinity, explain?
3. Among C, N and O, which has the higher electron affinity, explain?
4. What is electronegativity?
5. Between F and Cl which one is more electronegative and why? Explain.
6. Which element has the highest electronegativity between carbon(C) and oxygen(O) ?
7. What are metals and nonmetals?
8. Why K, Ca and Sc elements are known as metals?
9. Why N, O and F elements are known as nonmetals?
10. Why Si is known as submetal or metalloid?
11. Why He is called inert gas? Why Ne is called inert gas?
12. Why Ca, Mg and Be are called alkaline earth metals?
13. Why Li, Na and K are called alkaline metals?
14. Why Cu, Ag and Au are called coin metals?
15. Why group-17 elements are known as halogens?
16. Among N, O, F and Br elements, which have the similar chemical characteristics and why?
17. Write exceptions of modern periodic table.
18. What is the main basis of modern periodic table and why?