

INTERNATIONAL INDIAN SCHOOL, RIYADH

CHEMISTRY WORKSHEET 2017-18

CLASS X PT-3 CHEMISTRY WORKSHEET

- What is meant by i) a group and ii) a period in modern Periodic Table?
 - How many periods and groups are there in the long form of the Periodic table?
 - Give two examples each of i) group 1 elements ii) group 17 elements iii) group 18 elements
- State modern periodic law.
 - How does the electronic configuration of the atom of an element relate to its position in the modern periodic table.
 - Is it possible to have an element having atomic number 1.5 placed between hydrogen and helium?
- An element X belongs to 13th group of periodic table. Find its valency. What will be formula of its sulphate?

- The position of these elements A, B and C in the periodic table are shown below

Group 16	Group 17
-	-
-	A
-	-
B	C

- State whether A is a metal or non metal.
 - State whether C is more reactive or less reactive than A.
 - Will C be larger or smaller than B?
 - Which type of ion will be formed by element A?
- How do you think the tendency to lose electrons change in a group and period?
 - How could Modern Periodic Table remove various anomalies of Mendeleev's Periodic table?
 - Find out the traditional systems of water harvesting/management
 - What changes would you suggest in your home and school in order to be environment friendly
 - What is a dam? What are the advantages of water stored in the ground.
 - List any two measures that you suggest for better management of water.