

TENDER HEART HIGH SCHOOL, SEC-33B, CHD.

CLASS- X

CHAPTER- 1

SUBJECT- CHEMISTRY

TEACHER- ANAMIKA

Revision.

Q:-1 what is the main characteristic of the last element in each period of periodic table? what is the general name of such elements?

Ans:- The last element in each period of the periodic table has property of being inert or chemically unreactive. These elements are referred as 'Noble gases'.

Q:-2. An element has 2 electron in its N shell
(i) What is its atomic No.?

Ans:- 30

(ii) State its position in periodic table.

Ans: It belongs to group 12 and period fourth.

(iii) Is it metal or non-metal

Ans:- Metal

(iv) What is the valency of element

Ans:- 2

Q:-3 Match the atomic no. 19, 15, 8, 4 and 2 with each of the following:-

a) A metal with valency one
Ans:- 19

b) A solid non metal period 3
Ans:- 15

c) A rare gas
Ans:- 2

d) A gaseous element with valency 2
Ans:- 8

e) An element of group 2
Ans:- 4

Q:-4 Why size of Neon is greater than fluorine
Ans:- Because Neon has complete outershell. its size is larger than that of fluorine. As a result the effect of nuclear attraction on electron in the valence shell is invisible. As a result neon is larger than fluorine.