

Page _____

TENDER HEART HIGH SCHOOL, SEC-83B, CHD.

CLASS- X

SUBJECT- CHEMISTRY

CHAPTER- Revision

TEACHER- ANAMIKA

Q Element A, B & C have atomic number 6, 17, 11 respectively, which one will form

(i) an anion (ii) a cation (iii) has four electron in its valence shell

Ans:- (i) B (ii) C (iii) A

Q Arrange the following according to the instruction given in the bracket.

- (i) K, Pb, Ca, Zn [In the increasing order of the reactivity]
- (ii) Li, K, Na, H [In the decreasing order of their ionisation potential]
- (iii) F, B, N, O [In the increasing order of electron affinity]

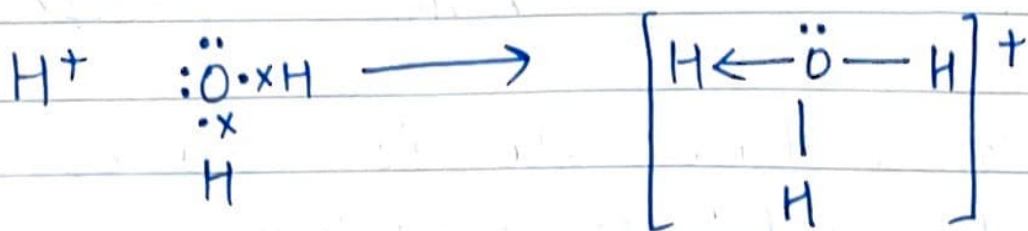
Ans:- (i) $Pb < Zn < Ca < K$

(ii) $H > Li > Na > K$

(iii) $B < N < O < F$

Q:- Acid dissolve in water to produce positively charged ion. Draw the structure of these positive ions.

Ans:- H_3O^+ ions is produced when acids dissolve in water to produce positively charged ions.



Q:- Explain why carbon tetrachloride does not dissolve in water?

Ans:- CCl_4 is a non polar covalent compound and water is a polar solvent. So, CCl_4 does not dissolve in water.