

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

CLASS - IX SUBJECT - CHEMISTRY

CHAPTER - 4 TEACHER - ANAMKA

Q:- Name:-

- a) A metallic hydroxide soluble in excess of NH_4OH .
- b) A metallic oxide soluble in excess of caustic soda solution.
- c) A strong alkali
- d) A weak alkali
- e) Two coloured metal ion
- f) Two colourless metal ion
- g) Two bases which are not alkalis but dissolve in strong alkali

Ans:- a) $\text{Zn}(\text{OH})_2$, $\text{Cu}(\text{OH})_2$

b) ZnO

c) NaOH

d) $\text{Ca}(\text{OH})_2$

e) Fe^{2+} , Cu^{2+}

f) Ca^{2+} , Zn^{2+}

g) $\text{Pb}(\text{OH})_2$, $\text{Zn}(\text{OH})_2$

Q:- Identify the cation in each of the following case:-

- (i) NaOH solution when added to solution (A) gives a reddish brown ppt.
- (ii) NH_4OH solution when added to solution (B) gives white ppt. which does not dissolve in excess.

(iii) NaOH solution when added to solution (c) gives white ppt. which is insoluble in excess.

Ans! - a) Ferric
b) Lead
c) Calcium