

HISTORY OF D-BLOCK

Our ancients were so deeply attached to metals.

Cu

Started using **Copper** for weapons and utensils

4000 BC

Ag

Romans and Chinese started using **Silver** as currency.

1500 BC

Fe

Iron Age - Started using Iron for tools and weapons.

Alloy

2300-700 BC

Created Alloys by mixing two metals to increase strength and usability of metals

series.

COLOUR OF COMPOUNDS

These compounds are coloured due to the presence of unpaired electrons in D-orbitals.



PARAMAGNETIC

They show magnetic properties due to presence of unpaired electrons.

OXIDATION STATE

These elements show variable oxidation states. (Fe^{+2} , Fe^{+3})

Os

Osmium shows maximum +8 oxidation state.