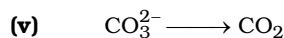
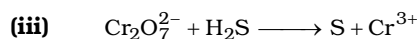
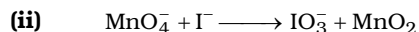
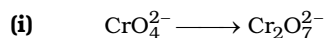


Date Planned : __ / __ / __	Daily Tutorial Sheet-11	Expected Duration : 90 Min
Actual Date of Attempt : __ / __ / __	Numerical Value Type for JEE Main	Exact Duration : _____

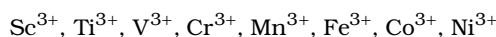
126. Find the total number of triangular faces in the geometry of MnO_4^- ion. 

127. Find the total number of change in which acidic medium is required :



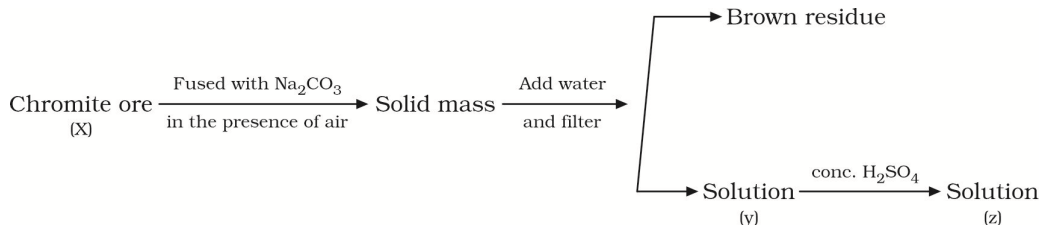
128. Find the difference in the number of coordination isomer(s) of $[\text{Pt}(\text{en})_2][\text{PtCl}_4]$ and $[\text{Pt}(\text{NH}_3)_4][\text{PtCl}_4]$.

129. Consider the following 3d-series ions :



Find total number of ions for which all octahedral complexes are paramagnetic, irrespective of ligand.

130. Following steps are involved in manufacturing of potassium dichromate : 



What is difference in the O.N. of Cr between X and Y ?

131. What is the oxidation number of Mn in $\text{CsMn}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$?

132. Find total number of oxygen atom which are in -1 oxidation state in CrO_5 . 

133. How many elements of 1st transition series have half filled d-subshell ?

134. What is the oxidation number of metal in catalyst which converts SO_2 to SO_3 in contact process for the making of H_2SO_4 ?

135. MnO_4^{2-} is quite strongly oxidizing and is stable only in very strong alkali. In acidic solution it disproportionates as $n\text{MnO}_4^{2-} + \text{H}^+ \longrightarrow \dots + 1\text{MnO}_2 + \text{H}_2\text{O}$. Find the value of n in above reaction. 