

4. Which of the following arrangements represent increasing oxidation number of the central atom?

(i) CrO^{2-} , ClO^{-3} , CrO_2^{-4} , MnO^{-4}

(ii) ClO^{-3} , CrO_2^{-4} , MnO^{-4} , CrO^{-2}

(iii) CrO_2^{-4} , MnO^{-4} , CrO^{-2} , ClO^{-3}

(iv) CrO_2^{-4} , MnO^{-4} , CrO^{-2} , ClO^{-3}

Solution:

Option (i) is the answer