

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