

NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	Which has the largest radius?	A. CO ³⁺ B. Mn ³⁺ C. Fe ³⁺ D. Cr ³⁺
2	The equilibrium $\text{Cr}_2\text{O}_7^{2-} \rightleftharpoons 2\text{CrO}_4^{2-}$ is shifted to right in	A. An acidic medium B. A basic medium C. A neutral medium D. It does not exist
3	Which of the following metal exhibits more than one oxidation?	A. Na B. Mg C. Fe D. Al
4	Which of the following transition metal ions will have definite value of magnetic moment?	A. Sc ³⁺ B. Ti ³⁺ C. Cu ⁺ D. Zn ²⁺
5	Addition of iron filling to CuSO ₄ solution caused precipitation of Cu owing to the	A. Reduction of Cu ²⁺ B. Oxidation of Cu ²⁺ C. Reduction of Fe D. Reduction of Fe ³⁺
6	Bell metal is an alloy of	A. Cu, Zn, and Sn B. Cu, Zn and Ni C. Cu and Zn D. Cu and Sn
7	The structure of XeF ₆	A. Distorted octahedral B. Pyramidal C. Tetrahedral D. None of the above
8	The following has zero valency	A. Na B. Be C. Al D. Kr