

## Chemistry Fsc Part 2 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	The type of hybridization in $PCl_3$ is.	A. $dsp^2$ B. $sp^3$ C. $dsp^3$ D. $d^2sp^3$
2	The percentage of carbon in different types of iron products is in the order of.	A. Cast iron &gt; wrought iron &gt; Steel B. Wrought iron &gt; Steel &gt; Cast iron C. Cast iron &gt; Steel &gt; Wrought iron D. Cast iron &gt; Steel &gt; Wrought iron
3	Co-ordination number of Pt in $PtCl(NO_2)(NH_3)_4$	A. 2- B. 4 C. 1 D. 6
4	The colour of transition metal complexes	A. d-d transitions of electrons B. paramagnetic nature of transition elements C. ionization D. loss of s-electron
5	The conversion of potassium manganate to potassium permanganate by passing $Cl_2$ through aqueous solution of $K_2MnO_4$ is called.	A. Contact process B. Open hearth process C. Stadelers process D. Thermite process
6	Galvanized iron is protected by a thin layer of	A. Cr B. Zn C. Sn D. Pb
7	Which one of the following elements has no variable valency.	A. Zinc B. Iron C. cobalt D. Manganese
8	To prevent corrosion, iron pipes carrying drinking water are covered with zinc by	A. alloy formation B. Electroplating C. Galvanizing D. Soldering
9	Geometrical shape of $[Co(NH_3)_6Cl_3]$	A. linear B. square planar C. Octahedral D. Trigonal bipyramid
10	Which one of the following elements commonly exhibits oxidation states of +6 and +3 in aqueous solution.	A. Na B. Cr C. Mg D. C
11	Which of the following is a typical transition metal.	A. Sc B. Y C. Ra D. CO
12	The strength of binding energy of transition elements depends upon	A. number of electron pairs B. number of unpaired electron pairs C. number of neutrons D. number of protons
13	The total number of transition elements is	A. 10 B. 14 C. 40 D. 58
14	Elements of which group are called non typical transition elements.	A. IB B. IIB C. IIA D. VII B

15	f-block elements are also called	A. non typical transition elements B. outer transition elements C. normal transition elements D. inner transition elements
16	Which furnace is used to prepared steel	A. Blast furnace B. Pudding furnace C. Bessemer converter D. Pyrite furnace
17	Group VI B of transition elements contains.	A. Zn, Cd, Hg B. Fe, Ru, Os C. Cr, Mo, W D. Mn, Te, Re
18	Typical transition element is	A. Sc B. CO C. Ra D. Y
19	In IUPAC system, the name of $K_4[Fe(CN)_6]$ is	A. Potassium ferricynaide B. Potassium ferrocynide C. Potassium Hexacyanoferrate (II) D. Poatssium hexacaynoferrate (III)
20	Group VI B to transition elements contains	A. Zn, Cd, Hg B. Fe, Ru, OS C. Cr, MO, W D. Mn, Te, Re