Chemistry Fsc Part 2 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	The aqueous solution of which substances is green in colour	A. K2CrO4 B. K2CrO7 C. KMnO4 D. K2MnO4
2	Chlomyl chloride test is used for the confirmation of	A. Cl- B. CO3⁻² C. NO3- D. Cu2+
3	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
4	Which is not coloured ion	A. SO4⁻² B. MnO4-3 C. CrO4⁻² D. Cr2O7⁻²
5	Which of the following is a typical transition metal.	A. Sc B. Y C. Ra D. CO
6	Mild steel contains carbon percentage	A. 0.1 - 0.2% B. 0.3 - 0.7% C. 0.7 - 1.5% D. 1.6 - 2.0%
7	f-block elements are also called	A. non typical transition elements B. outer transition elements C. normal transition elements D. inner transition elements
8	Which complex shows zero oxidation state of the transition metal.	A. [Fe(CO)5] B. K3[Fe(CN)6] C. K2[Fe(CN)6] D. [Cu(NH3)4]SO4
9	The variation pattern in ionic radii of first transition series shows	A. A regular increase B. A regulars decrease C. No regular pattern D. A regular decrease and than alight increase
10	Which furnace is used to prepared steel	A. Blast furnace B. Pudding furnace C. Bessemer converter D. Pyrite furnace
11	Which one of the following elements shows variable valency, can act as a catalyst and form coloured compounds.	A. Carbon B. Chlorine C. Sulpur D. Iron
12	The type of hybridization in PCl3 is.	A. dsp2 B. sp3 C. dsp3 D. d2sp3
13	Element of which group are called non typical transition elements.	A. IB B. II B C. II A D. VII B
14	To prevent corrosion, Iron pipes carrying drinking water are covered with zinc by	A. alley formation B. Electroplating C. Galvanizing D. Soldering
15	The chemical composition of pyrolusite is.	A. KMnO4 B. K2MnO4 C. MnO2

		D. MnO
16	Which of the following is a typical transition metal	A. Sc B. Y C. Ra D. Co
17	In IUPAC system, the name of K4[Fe(CN)6] is	A. Potassium ferricynaide B. Potassium ferrocynide C. Potassium Hexacyanoferrate (II) D. Poatssium hexacaynoferrate (III)
18	Which one of the following elements has no variable valency.	A. Zinc B. Iron C. cobalt D. Manganese
19	The total number of transition element is	A. 10 B. 14 C. 40 D. 58
20	d -block elements which show anomalous configuration in first series are	A. Cr and Ni B. Cr and Cu C. Cu and CO D. Fe and Ni
21	The strength of binding energy of transition elements depend upon	A. number of electron pairs B. number of unpaired electron pairs C. number of neutrons D. number of protons
22	Group VI B of transition elements contains.	A. Zn, Cd, Hg B. Fe, Ru,Os C. Cr, Mo, W D. Mn, Te, Re
23	The transition elements which are present in 4th period of periodic table have atomic number.	A. 22 to 30 B. 21 to 30 C. 21 to 29 D. 21 to 31
24	Which form interstitial compounds.	A. Fe B. Ni C. CO D. All of those
25	Which of the following is a non typical transition element.	A. Cr B. Mn C. Zn D. Fe
26	Which one of the following complexes is chelate.	A. Potassium hexacyanoferrate (II) B. Diammine silver (I) Chloride C. Tetracarbonylnikel (0) D. Sodium dioxalatoplatinate (II)
27	Stainless steel is	A. Compound B. An element C. Mixture D. 100% pure iron
28	Which element shows highest oxidation state among these	A. Zn B. Fe C. Mn D. Sc
29	The conversion of potassium magnate to potassium permanganate by passing Cl2 Through aqueous solution of K2MnO4 is called.	A. Contact process B. Open hearth process C. Stadeler's process D. Thermite process
30	In [Co(NH3)6]+3 the coordination number of cobalt is.	A. Zero B. Two C. Four D. Six
31	The percentage of carbon in different types of iron products is in the order of	A. cast iron > wrought iron > steel B. wrought iron > steel > cast iron C. cast iron > steel > wrought iron D. cast iron = steel > wrought iron
32	Geometrical shape of [CO(NH3)6Cl3	A. linear B. square planar C. Octahedral D. Trigonal bypyramid

		D. Trigonal Pyramid
33	Group VI-B of transition elements contains	A. Zn, Cd, Hg B. Fe, Ru, Os C. Cr, Mo, W D. Mn, Te, Re
34	Which of the following is non-typical transition element	A. Cr B. Mn C. Zn D. Fel
35	The colour of transition metal complexes is due to	A. d-d transition of electrons B. Paramagnetic nature of transition elements C. Ionization D. Loss of s -electrons
36	Which is not an ore of iron	A. haematite B. Magnetite C. limonite D. Cassiterite
37	The percentage of carbon is different types of iron products is in the order of.	A. Cast iron > wrought iron > Steel B. Wrought iron >Steel >Cast iron C. Cast iron > Steel > Wrought iron D. Cast iron > Steel > Wrought iron
38	Colour of K2Cr2O7 is	A. Red B. Orange C. Green D. Yellow
39	The total number of translation elements is	A. 10 B. 14 C. 40 D. 65
40	The substance which is added to remove impurities is known as	A. Slag B. Flux C. Ore D. Gangue
41	Which of the following is non-typical transition metal	A. Fe B. Mn C. Zn D. Ni
42	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
43	Total number of d-block elements are	A. 10 B. 20 C. 30 D. 40
44	Typical transition element is	A. Sc B. CO C. Ra D. Y
45	f - block elements are also called.	A. Non typical transition elements B. Outer transition elements C. Inner transition elements D. None of true
46	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
47	Co-ordination number of Cu in	A. Zero B. Two C. Four D. Six
48	Galvanized iron is protected by a thin layer of	A. Cr B. Zn C. Sn D. Pb
		A. Zn, Cd, Hg B. Fe, Ru, OS

49	Group VI B to transition elements contains	C. Cr, MO, W D. Mn, Te, Re
50	Co-ordination number of Pt in Pt $Cl(NO_2)(NH_3)_4$	A. 2- B. 4 C. 1 D. 6