

Chemistry Fsc Part 2 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	In $[\text{Co}(\text{NH}_3)_6]^{+3}$ the coordination number of cobalt is.	A. Zero B. Two C. Four D. Six
2	Element of which group are called non typical transition elements.	A. IB B. IIB C. IIA D. VII B
3	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
4	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
5	Which form interstitial compounds.	A. Fe B. Ni C. CO D. All of those
6	The variation pattern in ionic radii of first transition series shows	A. A regular increase B. A regular decrease C. No regular pattern D. A regular decrease and then slight increase
7	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
8	Which one of the following elements has no variable valency.	A. Zinc B. Iron C. cobalt D. Manganese
9	Which one of the following elements shows variable valency, can act as a catalyst and form coloured compounds.	A. Carbon B. Chlorine C. Sulphur D. Iron
10	The total number of transition elements is	A. 10 B. 14 C. 40 D. 65
11	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
12	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
13	Group VI B of transition elements contains.	A. Zn, Cd, Hg B. Fe, Ru, Os C. Cr, Mo, W D. Mn, Te, Re
14	f - block elements are also called.	A. Non typical transition elements B. Outer transition elements C. Inner transition elements D. f-block elements

D. None of true

15 Which of the following is a typical transition metal.

- A. Sc
- B. Y
- C. Ra
- D. CO

16 Which of the following is a non typical transition element.

- A. Cr
- B. Mn
- C. Zn
- D. Fe

17 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