

## Chemistry Fsc Part 2 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	The colour of transition metal complexes is due to	<p>A. d-d transition of electrons</p> <p>B. Paramagnetic nature of transition elements</p> <p>C. Ionization</p> <p>D. Loss of s -electrons</p>
2	The colour of transition metal complexes	<p>A. d-d transitions of electrons</p> <p>B. paramagnetic nature of transition elements</p> <p>C. ionization</p> <p>D. loss of s-electron</p>
3	Which of the following is non-typical transition element	<p>A. Cr</p> <p>B. Mn</p> <p>C. Zn</p> <p>D. Fe</p>
4	Group VI B of transition elements contains.	<p>A. Zn, Cd, Hg</p> <p>B. Fe, Ru, Os</p> <p>C. Cr, Mo, W</p> <p>D. Mn, Te, Re</p>
5	Element of which group are called non typical transition elements.	<p>A. IB</p> <p>B. II B</p> <p>C. II A</p> <p>D. VII B</p>
6	The transition elements which are present in 4th period of periodic table have atomic number.	<p>A. &lt;div&gt;22 to 30&lt;/div&gt;</p> <p>B. 21 to 30</p> <p>C. 21 to 29</p> <p>D. 21 to 31</p>
7	The total number of transition elements is	<p>A. 10</p> <p>B. 14</p> <p>C. 40</p> <p>D. 65</p>
8	The percentage of carbon in different types of iron products is in the order of.	<p>A. Cast iron &amp;gt; wrought iron &amp;gt; Steel</p> <p>B. Wrought iron &amp;gt; Steel &amp;gt; Cast iron</p> <p>C. Cast iron &amp;gt; Steel &amp;gt; Wrought iron</p> <p>D. Cast iron &amp;gt; Steel &amp;gt; Wrought iron</p>
9	Typical transition element is	<p>A. Sc</p> <p>B. CO</p> <p>C. Ra</p> <p>D. Y</p>
10	The aqueous solution of which substances is green in colour	<p>A. K<sub>2</sub>CrO<sub>4</sub></p> <p>B. K<sub>2</sub>CrO<sub>7</sub></p> <p>C. KMnO<sub>4</sub></p> <p>D. K<sub>2</sub>MnO<sub>4</sub></p>
11	d -block elements which show anomalous configuration in first series are	<p>A. Cr and Ni</p> <p>B. Cr and Cu</p> <p>C. Cu and CO</p> <p>D. Fe and Ni</p>
12	Group VI-B of transition elements contains	<p>A. Zn, Cd, Hg</p> <p>B. Fe, Ru, Os</p> <p>C. Cr, Mo, W</p> <p>D. Mn, Te, Re</p>
13	Stainless steel is	<p>A. Compound</p> <p>B. An element</p> <p>C. Mixture</p> <p>D. 100% pure iron</p>
14	The substance which is added to remove impurities is known as	<p>A. Slag</p> <p>B. Flux</p> <p>C. Ore</p> <p>D. ...</p>

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15 Geometrical shape of  $[\text{Co}(\text{NH}_3)_6\text{Cl}_3]$

- A. linear
- B. square planar
- C. Octahedral
- D. Trigonal bipyramid

16 In IUPAC system, the name of  $\text{K}_4[\text{Fe}(\text{CN})_6]$  is

- A. Potassium ferricyanide
- B. Potassium ferrocyanide
- C. Potassium Hexacyanoferrate (II)
- D. Potassium hexacyanoferrate (III)

17 Which one of the following elements has no variable valency.

- A. Zinc
- B. Iron
- C. cobalt
- D. Manganese

18 The chemical composition of pyrolusite is.

- A.  $\text{KMnO}_4$
- B.  $\text{K}_2\text{MnO}_4$
- C.  $\text{MnO}_2$
- D.  $\text{MnO}$

19 Total number of d-block elements are

- A. 10
- B. 20
- C. 30
- D. 40

20 Which of the following is a typical transition metal.

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