

1. Coordination number of the transition element in $[\text{Pt Cl NO}_2 (\text{NH}_3)_4]_2^-$ is

A. 2

B. 6

C. 4

D. 8

Answer: Option B

2. K₂ [Cu(CN)₄] which one is correct

A. Potassium tetra cyano copperate

B. Co-ordination number is 2

c. Ligand is positively charged

D. Central atom is present in avionic sphere

Answer: Option D

3. The oxidation number of central metal atom in $[\text{Ni}(\text{CO})_4]$ is

A. 0

B.
2

C₁ 4

P₁ 6

Answer: Option C

4. Group VIB of transition elements contains

A. Zn Cd Hg

B. Fe Ru Os

C. Cr Mo W

D. Mn Te Re

Answer: Option C

5. The elements in which d or f orbitals are in the process of completion are

A. outer transition elements

B. inner transition elements

c. typical transition elements

D. transition elements

Answer: Option D

- ## 6. The location of transition elements is in between

- A. lanthanides & actinides B. s and p block elements
C. chalcogens and halogens D. d and f block elements

Answer: Option B

7. The melting points and boiling points upto meddle of 3d- series

- A. increases B. decreases
C. remain same D. no regular trend

Answer: Option A

8. Pure metal

- A. corrode slowly B. corrode rapidly
C. does not corrode easily D. none of these

Answer: Option C

9. Compounds attracted by applied strong magnetic field are called

- A. diamagnetic B. paramagnetic
C. good conductor D. ferromagnetic

Answer: Option B

10. The correct electronic configuration of Cr is

- A. [Ar]4s23d4 B. [Ar] 4s23d4
C. [Ar]4s03d5 D. [Ar]4s13d5

Answer: Option D