

Chemistry Fsc Part 2 Online Test

| Sr | Questions | Answers Choice |
|----|--|--|
| 1 | Co-ordination number of Pt in $\text{Pt Cl}(\text{NO}_2)(\text{NH}_3)_4$ | A. 2- B. 4 C. 1 D. 6 |
| 2 | 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 |
| 3 | 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 |
| 4 | Group VI B to transition elements contains | A. Zn, Cd, Hg B. Fe, Ru, OS C. Cr, MO, W D. Mn, Te, Re |
| 5 | Typical transition element is | A. Sc B. CO C. Ra D. Y |
| 6 | Which of the following is non-typical transition metal | A. Fe B. Mn C. Zn D. Ni |
| 7 | Total number of d-block elements are | A. 10 B. 20 C. 30 D. 40 |
| 8 | The total number of transition element is | A. 10 B. 14 C. 40 D. 58 |
| 9 | An element that has high ionization energy and tends to be chemically inactive would most likely to be | A. an alkali metal B. a transition element C. a noble gas D. a halogen |
| 10 | Which halogen occurs naturally in a positive oxidation state | A. Fluorine B. Chlorine C. Bromine D. Iodine |
| 11 | Bleaching powder may be produced by passing chlorine over | A. calcium carbonate B. hydrated calcium sulphate C. calcium hydroxide D. magnesium hydroxide |
| 12 | The anhydride of HClO_4 is | A. ClO B. ClO_2 C. ClO_3 D. Cl_2O_7 |
| 13 | Which halogen will react spontaneously with Au(s) to produce Au^{3+} | A. Br_2 B. F_2 C. I_2 D. Cl_2 |
| 14 | Chlorine heptoxide (Cl_2O_7) reacts with water to form | A. Hypochlorous acid B. Chloric acid C. Perchloric acid D. Chlorine and oxygen |
| 15 | Which of the following hydrogen halide is the weakest acid in solution | A. HF B. HBr C. HI D. HCl |

D. HCl

16 Which of the following noble gas is used for arc welding and cutting

- A. Helium
- B. Argon
- C. Xenon
- D. Radon

17 _____ is use as a cooling medium for nuclear reactors

- A. Ne
- B. He
- C. Ar
- D. Kr