

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	The principal ores of copper are	A. Copper sulphides B. Copper oxides C. Both sulphides and oxides D. Copper carbonate
2	Copper occurs in nature as.	A. Native B. Combined C. Both native and combined D. None of the above
3	Which of the following is the second anciently known metal.	A. Nickel B. Copper C. Gold D. Silver
4	Carbon in wrought iron is present as	A. Silicon carbide B. Iron carbide cementite C. Graphite D. Partly as iron carbide and partly as graphite
5	Stainless steel contains	A. Fe+Cr+Ni B. Fe+Ni+Cu C. Fe + Cr+ Cu D. Cu + C + Ni
6	If steel is heated to a temperature well below red heated and is then cooled slowly the process is called.	A. Annealing B. Quenching C. Tempering D. Nitriding
7	In the extraction of iron, the furnace charge consists of iron ore, coke and limestone. The function of limestone is to act as.	A. An oxidizing agent B. A reducing agent C. Flux D. Slag
8	Pig iron is also called.	A. Cast iron B. Steel C. Wrought iron D. Stainless steel
9	In the fourth flotation process for the purification of ores, the ore particles floats because.	A. They are light B. Their surface is not easily wetted by water C. They bear electrostatic charge D. They are insoluble
10	The most stable oxidation state of chromium is.	A. +6 B. +3 C. +4 D. +2
11	Zeigler Natta catalyst is.	A. Pt/PtO B. TiCl ₄ /Al(C ₂ H ₅) ₃ C. Pt/Rh D. Pt
12	Transition elements, in general, exhibit the following properties, except one, Name that property.	A. Variable oxidation state B. Natural radioactivity C. Tendency to form complexes D. Formation of alloys
13	Which of the following statements is false about transition metals.	A. They form complexes B. They show variable valency C. All transition metal compounds are paramagnetic D. They form coloured ions
14	Which one of the following ions is colourless.	A. Cu ⁺ B. Ni ²⁺ C. Co ²⁺ D. Fe ³⁺
		A. Small sized metal ions

15	Colour in transition metal compounds is attributed to	B. Absorption of light in UV region C. Complete ns sub shell D. incomplete (n-1) sub shell
16	The maximum oxidation shown by manganese is.	A. +2 B. +7 C. +4 D. +5
17	Variable oxidation states are shown by	A. Normal elements B. Metallic elements C. Non metallic elements D. Transition elements
18	Zinc oxide is.	A. A basic oxide B. An amphoteric oxide C. An acidic oxide D. A neutral oxide
19	The rusting of iron is catalysed by which of the following.	A. Fe B. O ₂ C. Zn D. H ⁺
20	Finely divided iron combines with CO to give.	A. Fe(CO) ₅ B. Fe ₂ (CO) ₉ C. Fe(CO) ₁₂ D. Fe(CO) ₆