

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Zeigler Natta catalyst is.	A. Pt/PtO B. $TiCl_4/Al(C_2H_5)_3$ C. Pt/Rh D. Pt
2	Variable oxidation states is shown by	A. Normal elements B. Metallic elements C. Non metallic elements D. Transition elements
3	Finely divided iron combines with CO to give	A. $Fe(CO)_3$ B. $Fe_2(CO)_9$ C. $Fe_3(CO)_{12}$ D. $Fe(CO)_6$
4	In group 17, the element with highest first ionization enthalpy belongs to.	A. Period 1 B. Period 2 C. Period 7 D. Period 6
5	Among alkali metals, the least metallic element is.	A. Li B. Na C. Rb D. Cs
6	Which of the following statements is incorrect.	A. The elements of group 18 are known as aerogens. B. Group 2 elements are all metals C. Metallic character increase on going down a group D. All the elements belonging to a particular period have same valence shell configuration.
7	CFT was originally applied to.	A. Ionic crystal B. Liquid crystal C. Solid crystal D. All above
8	Which of the following is not an alkali metal.	A. Potassium B. Francium C. Sodium D. Strontium
9	The Lewis formula of $SOCl_2$ the total number of bond pairs and lone pairs of electrons around sulphur are.	A. 2, 1 B. 2, 2 C. 3, 1 D. 3, 0
10	Stainless steel contains.	A. Fe + Cr + Ni B. Fe + Ni + Cu C. Fe + Cr + Cu D. Cu + C + Ni
11	The H_2SO_4 obtained by the contact process having purity	A. 70% B. 74% C. 78% D. 82%
12	The most electronegative and the most electromotive elements of the first period is	A. H and He B. Na and Cl C. Li and F D. H and He
13	Which one of the following statements is not true.	A. Transition metals form alloys B. Transition metals form complexes C. Zn, Cd and Hg are transition metals D. $K_2[PtCl_6]$ is a well known nickel compound but corresponding nickel compound is not known
14	The penultimate shells have pseudo inert gas type configuration.	A. Ga B. In C. Tl

		C. 11 D. All above
15	Bryllium salts on hydrolysis give.	A. Basic solutions B. Acidic solutions C. Neutral solutions D. Amphoteric solutions.
16	Arrhenius concept explained	A. Constant heat of neutralization B. Quantitative determination of acid base strength C. Catalytic property of acid D. All above
17	Which of the following alloys contains Cu and Zn	A. Bronze B. Brass C. Gun metal D. Type metal
18	Which of the following hydroxide is amphoteric.	A. B(OH) ₃ B. Al(OH) ₃ C. Ga (OH) ₃ D. In (OH) ₃
19	Which of the following process is used for the conversion of matte is to nickel.	A. Orford process B. Mond's process C. Electrolytio process D. All
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