

## PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	The element with the highest first ionization potential is.	A. Boron B. Carbon C. Nitrogen D. Oxygen
2	Considering the element B,C, N, G and Si, the correct order of their non- metallic character is.	A. B > C > Si > N > F B. Si > C > B > N > F C. F > N > C > B > Si D. F > N c > > Sl > B
3	The maximum oxidation shown by managanese is.	A. +2 B. +7 C. +4 D. +5
4	CFT can very well explain	A. Color     B. Magnetic properties     C. Spectra of transition metal     D. All
5	Aque regia is made by dissolving a mixture of HNO3 and HCl with ratio.	A. 1:1 B. 1:3 C. 1:2 D. 1:10
6	Arrhenius concept explained	A. Constant heat of neutralization     B. Quantitative determination of acid base strength     C. Catalytic property of acid     D. All above
7	An element having low IE and low EA is likely to belong to.	A. Group IA B. Group IB C. Group VII A D. Group VIII
8	Zeigler Natta catalyst is.	A. Pt/PtO B. TiCl4/Al(C2H5)3 C. Pt/Rh D. Pt
9	Which one of the following elements shows the most stable oxidation state of +1	A. Al B. Ga C. In D. TI
10	Which of the following state is not true with respect to copper.	A. it is malleable and ductile B. It is a best conductor of heat and electricity C. It forms alloys easily D. Moltan copper absorbed carbon dioxide
11	The element having highest ionization energy and least electron affinity belong to	A. Period 1, group 18 B. Period 2, group 17 C. Period 2, group 1 D. Period 2, group 2
12	According to systematic nomenclature which hydrogen compound is sulphane.	A. HF B. Si H4 C. SF4 D. H2S
13	Which of the following compounds liberates CO2 on heating.	A. Li2CO3 B. Na2CO3 C. K2CO3 D. All liberate CO2 on heating.
14	The elements with highest electron affinity belongs to.	A. Period 2, group 17 B. Period 3, group 17 C. Period 2, group 18 D. Period, 2, group 1
		A. S <sup>2 </sup> - < P <sup>3-</sup>

15	The correct order of ionic radii for the following ions is.	<pre> &lt; CI- &lt; K+ B. CI- &gt; S2+ &gt; P3- &gt; k+ C. K+ &gt; Cr &gt; S2+ &gt; P3- D. P3+ &gt; S2 &gt; CI - &gt; K+</pre>
16	The compound which does not act as Lewis acid is.	A. BF3 B. AlCl3 C. BeCl2 D. SnCl4
17	Select the correct IUPAC nae for [Co(NH3)6 ]2+	A. Hexammoniacobaltate (II) ion B. Hexaamminecobaltate (II) ion C. Hexammoniacobalt (II) ion D. Hexaamminecobalt (II) ion
18	Which of the following is not a property of Cr.	A. it is brilliant silvery metal B. it is malleable C. It can take very high polish D. Its surface is tarnished easily
19	Which process of adsorption of hydrogen on palladium is known as.	A. Syneresis B. Occlusion C. Diffusion D. Erosion
20	How many sigma and pi bonds are there in a CO2 molecule.	A. 2 sigma B. 2 sigma and 4 pi C. 2 sigma and 2 pi D. 4 sigma and no pi