PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following statements regarding covalent bond is false.	A. The electrons are shared between atoms. B. The bond in non -directional C. The strength of the bond depend upon the extent of overlapping D. The bond formed may be polar or non-polar
2	VBT does not edplain	A. Absorption spectra B. Color of transition metal ion C. Heat of formation D. All above
3	The suffix "ate" at the end of the name of the compiled signifies that it is.	A. Cation B. Anion C. Neutral D. None of above
4	The common oxidation state of elements of group V A is.	A. -3 B. +3 C. +5 D. Any above
5	The commonly used catalyst in the manufacture of H2SO4	A. Fe2O3 with a little CuO B. v2O5 C. Platinized asbestos and MgSO4 D. All above
6	Compounds formed when noble gasses get entrapped in the cavities of crystal lattices of certain organic and inorganic compounds are called.	A. Interstitial compounds B. Hydrates C. Clathrates D. Picrates
7	Which of the following gas is lightest.	A. Dihydrogen B. Helium C. Dinitrogen D. Dioxygen
8	The state of hybridization of carbon in CO2 is	A. sp2 B. sp C. sp3 D. dsp2
9	Formula of orthophosphoric acid.	A. H2PO4 B. H3PO3 C. H3PO2 D. H4P2O5
10	Which one of the following does not exhibit paramegnetion.	A. NO B. NO2 C. CiO2 D. ClO-2
11	Hydrometallurgy of copper involves extraction of copper from poor ores by which process.	A. Dry process B. Wet process C. Both dry and wet process D. None of these
12	The most reactive alkali metal among the following is	A. Li B. Na C. Cs D. Rb
13	iodine is used as	A. Tincture of iodine B. Iodex and antiseptic C. Treatment of goiter D. All above
14	A thionic acid	A. H2S2O3 B. H2S2O6 C. H2S2O8 D. H2S2O7
		A. H2

15	Ca H2 on reaction with water liberates	B. O2 C. Botha of these D. None of these
16	Pick out the ideal conditions needed for the manufacture of H2SO4 by contact process.	A. Low temperature high pressure and high concentration of reactants B. Low temperature , low concentration of reactants and low pressure C. High temperature high pressure and high concentration of reactants D. Low temperature, low pressure and high concentration of reactants.
17	Alums are generally used	A. In Dying and water proofing of fabric B. In arrest bleeding C. IN water purification D. All above
18	The bond along Sp2 hybridization is.	A. 180° B. 120° C. 109.5^o D. 160°
19	Ionization potential of carbon is.	A. 11.2 B. 7.8 C. 8.1 D. 7.3
20	The most stable oxidation state of chromium is.	A. +6 B. +3 C. +4 D. +2