

## PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
SI	Questions	
1	The IUPAC name of C2(CN)3 is	A. 2,3-dicvano butanedinitrile B. 2,3 -dicyano -2- butenedinitrile C. 1,1,2,2-tetrcyanoethane D. 1,1,2,2, tetracyanocthenc
2	The correct order of electron affinities is.	A. C > Si, > Na > Ar B. Si > Cl > Na > Ar C. C > Na > Si > Ar D. C > Si > Ar > Na
3	Which of the following is not a characteristic of phthalocyanine dyes.	A. They are metal complex B. the are insoluble in water C. They have porphin nucleus D. They are used in photographic plates
4	Each of the following compound is an aromatic except.	A. Benzene B. Naphthalene C. Cyclopentadienyl cation D. Cyclopentadienyl anion
5	The Lewis structure of which of the following does not have coordinate bond.	A. SO2 B. HNO3 C. H2SO4 D. HNO2
6	Which of the following term is not used in pulping.	A. Kappa number B. Copper number C. Bromine Number D. Octane Number
7	The bond length of C = C is	A. 1.20 A <sup>o</sup> B. 1.34 A <sup>o</sup> C. 1.54 A <sup>o</sup> D. 1.68 A <sup>o</sup>
8	Which of the following will exhibit variable electro Valency due to intert pair effect.	A. Fe B. Sn C. K D. Both Fe and Sn
9	An optically active compound	A. <sub>Must contain at least favour carbons</sub> B. When in solution rotate the plane of polarized light C. Most always contain an asymmetric carbon atom D. In solution always give negative reading in polarimetre
10	The correct order of ionization energies of alkali metals is.	A. Li > Na > K > Rb B. Na > K > Rb > Li C. Rb > K > Na > Li D. Rb > K > Li > Na
11	The thermal conductivity of an SWNT along length is watt/(m.k)	A. 35 B. 330 C. 386 D. 3500
12	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
13	The vapours attacks the eyes and mucous membrane of nose and throat	A. F B. CI C. I D. Br
14	The shape of $SO_4^2$ -ion is.	A. Tetrahedral B. Trigonal planar C. Square planar D. Octahedral

15	Of the molecules, SF4 Xe F4 and CF4 which have square planar geometry.	A. SF4 , Xe f4 and CF4 B. SF4 only C. CF4 only D. XeF4 only
16	Which of the following is the major process when neopentyl bromide is dehydrogenate with alcoholic potash.	A. 2- methyl -1- butene B. 2- methyl- 1- butene C. 2,3 -dimethyl butene D. 2- butene
17	Titanium dioxide shows the lattice strcuture.	A. Flluorite B. Rutile C. Wurtzite D. Zeolite
18	In urea the amount of nitrogen is	A. 82.0% B. 46.0% C. 33.0% D. 21.0%
19	When metal orbital are rotated in octahedral field the following representation obtained.	A. t2 g + lg B. a1 g C. t 1 u D. All above
20	When a strong beam of light is passed through a colloidal solution, the light will	A. Be reflected B. Be scattered C. Pass unchanged D. Be dispersed