

## PPSC Chemistry Part II Organic Chemistry Online Test

Sr	Questions	Answers Choice
1	Biomass refers to all the organic material derived from	A. Photolysis B. <b>Photosynthesis</b> C. Electrolysis D. Oxidation
2	The capacity of normal human eye to see the smallest object is _____ micro meter	A. 10000 B. 1000 C. 100 D. <b>10</b>
3	Radon is obtained only in the radioactive decay of	A. Radium B. Thorium C. Actinium D. <b>Any of above</b>
4	Number of unpaired electrons in Cu <sup>2+</sup> ions are.	A. <b>1</b> B. 2 C. 3 D. 4
5	The 'shape' of molecule . " Xe F6 is.	A. Pentagonal bipyramidal B. Regular octahedral C. <b>Distorted octahedral</b> D. Square planar
6	Setting of plaster of Paris volves.	A. Oxidation with atmospheric oxygen B. Combination with atmosphere CO <sub>2</sub> C. Dehydration D. <b>Hydration to yield another hydrate</b>
7	a- pinene hydrochloride on warming rdarranges to form bornyl chloride.The rearrangement is known as.	A. Pinacol pinacolone B. Hofmann C. <b>Wager Mecrwein</b> D. Wolff
8	The study of coiled long peptide chains of protein to give a 3 dimensional structure is the study of.	A. Primary structure B. Secondary structure. C. <b>Tertiary structure</b> D. Quaternary structure.
9	Permanent hard water is softened by addition of.	A. <b>Na<sub>2</sub>CO<sub>3</sub></b> B. CaCO <sub>3</sub> C. MgCO <sub>3</sub> D. ZnCO <sub>3</sub>
10	Smoke is a dispersion of	A. Gas in gas B. Gas in solid C. <b>Solid in gas</b> D. Liquid in gas
11	The force responsible for dissolution of ionic compounds in water are	A. Hydrogen bonds B. Ion dipole forces C. <b>Ionic bonds</b> D. Van Der Waal forces
12	The percentage of s-character in the hybrid orbitals sp, sp <sup>2</sup> and sp <sup>3</sup> follows the pattern.	A. sp <sup>3</sup> > sp <sup>2</sup> > sp B. <b>sp &gt; sp<sup>2</sup> &gt; sp<sup>3</sup></b> C. sp = sp <sup>2</sup> > sp <sup>3</sup> D. sp = sp <sup>2</sup> = sp <sup>3</sup>
13	Which of the following ions does not have the electronic configuration same as that of neon.	A. F- B. O <sup>2-</sup> C. Na <sup>+</sup> D. <b>Ca<sup>2+</sup></b>
14	Electronegativity is given by	A. Average of first and second ionization energies. B. Average of first and second electron affinities C. <b>Average of ionization energy and electron affinity</b> D. None of the above
		A. SO <sub>2</sub> B. H <sub>2</sub> O

15	The Lewis structure of which of the following does not have coordinate bond.	B. $\text{HNO}_3$ C. $\text{H}_2\text{SO}_4$ D. $\text{HNO}_2$
16	The IUPAC name of ethylene oxide is.	A. Epoxy methane B. Oxacethene C. Methoxymethane D. All of the above
17	Which of the following is not related to the limitations of Bohr's model.	A. It does not applicable to more than one electron system. B. It does not explain the extra lines obtained in the H-spectrum C. It considers the electron as particle D. It considers the electron as a wave.
18	In biological ecosystem which of the following substance is used by organisms.	A. Water B. Sunlight C. Minerals D. All above
19	CFT was originally applied to.	A. Ionic crystal B. Liquid crystal C. Solid crystal D. All above
20	Elements of group 14 have the electronic configuration of their outer shell as	A. $ns^2 np^3$ B. $ns^2 np^2$ C. $ns^2 np^6$ D. $ns^2$