

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	An element with high electronegativity has	A. High IE and high EA B. High IE and low EA C. Low IE and High EA D. Low IE and low EA
2	Sodium reacts with excess of oxygen to form	A. Na ₂ O B. NaO ₂ C. Na ₂ O ₂ D. NaO
3	Aluminium is used for.	A. Making utensile & framea B. Making alloys C. Reducing agent D. All above
4	Borax exist in the form	A. Ordinary borax B. Octahdral borax C. Borax glass D. All above
5	The name hydrogen was proposed by.	A. Lavoisier B. Rutherford C. Henry Cavandish D. Scheele
6	Which of the following reactions is employed to produce ozone in the laboratory.	A. Exposure of air to UV light B. Reaction of F ₂ with H ₂ O at low temperature C. Reaction SO ₂ with H ₂ O ₂ D. Passage of silent electric discharge through oxygen
7	How many sigma and pi bonds are there in a CO ₂ molecule.	A. 2 sigma B. 2 sigma and 4 pi C. 2 sigma and 2 pi D. 4 sigma and no pi
8	The 'shape' of molecule ." Xe F ₆ is.	A. Pentagonal bipyramidal B. Regular octahedral C. Distorted octahedral D. Square planar
9	Oxygen and sulphur exist in state	A. Free B. Combined C. _{Both free & combined} D. None of above
10	CFT was originally applied to.	A. Ionic crystal B. Liquid crystal C. Solid crystal D. All above
11	Which of the following have +3 oxidation states.	A. B & Al B. In & Tl C. B & In D. Al & Tl
12	Helium oxygen mixture is used by deep sea divers in preference to nitrogen oxygen mixture, because.	A. Helium is much less soluble in blood than nitrogen B. Nitrogen is much less soluble in blood than helium C. Due to high pressure deep under the sea, nitrogen and oxygen react to give poisonous nitric oxide. D. Nitrogen is highly soluble in water
13	Chlorine is used in	A. Sterilizin of water B. Extractionof gold C. Bleaching of cotton D. All above
14	Electronegativity of Oygen is.	A. 2.5 B. 3.5 C. 2.4 D. -

15	The metallic character of group 14 elements	A. Decreases from top to bottom B. Increases from top to bottom C. Does not change gradually D. Has no significance
16	On hybridization of one s and one p orbitals we get.	A. Two mutually perpendicular orbitals B. Two orbitals at 180° C. Four orbitals directed tetrahedrally D. Three orbitals in a plane
17	The yellow colour of chromates changes to orange red on acidification, due to the formation of.	A. Cr^{3+} B. Cr_2O_3 C. $\text{Cr}_2\text{O}_7^{2-}$ D. CrO_3
18	Elements in the same vertical group of the periodical have same	A. Number of electron B. Atomic number C. Number of valence electrons D. Electronic configuration
19	Carbides because of their hardness are	A. Ionic carbides B. Interstitial carbides C. covalent carbides D. Any of above
20	Which of the following is most soluble in water	A. CaSO_4 B. SrSO_4 C. MgSO_4 D. BaSO_4