

## PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Among the elements of second period the element with highest melting point belongs to group.	A. 1 B. 14 C. 17 D. 18
2	Inter halogens are of types.	A. 3 B. 4 C. 5 D. 6
3	Colour in transition metal compounds is attributed to	A. Small sized metal ions B. Absorption of light in UV region C. Complete ns sub shell D. incomplete (n-1) sub shell
4	Which of the following has the highest melting point.	A. NaCl B. KCl C. MgO D. BaO
5	Electron gas theory fails to explain	A. Specific heat of metals B. Electrical and thermal conductivity C. Paramagnetic behavior of metals D. All of the above
6	Used in producing intense light in cinematography	A. Xenon B. Krypton C. Radon D. Helium
7	In bi sulphate ion, the formal charge on sulphur atom is.	A. +1 B. +2 C. +4 D. +6
8	In 1952 who popularized the use of CFT for inorganic chemist	A. Bethe B. Orgel C. Van Vleck D. Werner
9	The number of electrons involved in bonding in Lewis structure of oxalate ion is	A. 20 B. 14 C. 22 D. 18
10	Which of the following alloys contains Cu and Zn	A. Bronze B. Brass C. Gun metal D. Type metal
11	Red colour of glass is due to the presence of	A. Cu <sub>2</sub> O B. CoO C. MnO <sub>2</sub> D. CdS
12	The halide which is inert to water is	A. PCl <sub>5</sub> B. SiCl <sub>4</sub> C. BCl <sub>3</sub> D. SF <sub>6</sub>
13	Lead pencil contains	A. Lead B. Lead sulphide C. a mixture of lead and silica D. graphite
14	NH <sub>3</sub> has a net dipole moment while BF <sub>3</sub> has zero dipole moment. This is because.	A. NH <sub>3</sub> is not a planar molecule while BF <sub>3</sub> is a planar molecule. B. NH <sub>3</sub> is a planar molecule, while BF <sub>3</sub> is a planar molecule. C. Fluorine is more electronegative than nitrogen D. Boron is more electronegative than nitrogen

15	Among the elements A, B,C and D having atomic numbers 7,8,9 AND 12 Respectively, the element with smallest size and highest IE is.	A. A B. B C. C D. D
16	Used in Geiger counter to detect radioactivity	A. He B. Ne C. Ar D. Kr
17	The most stable oxidation state shown by lead is.	A. +2 , +4 B. +2 only C. +3 , +4 D. +4 only
18	Elements in the same vertical group of the periodical have same	A. Number of electron B. Atomic number C. Number of valence elections D. Electronic configuration
19	Which of the following statement is not correct.	A. The element with highest IE belongs to group 18 B. In each period the element with lowest IE belongs to group I C. In each period the element with highest IE is a noble gas D. In the second period as we move from left to right, ionization energy increases regularly.
20	CFT can very well explain	A. Color B. Magnetic properties C. Spectra of transition metal D. All