

## PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Metallic magnesium is obtained by	A. Reduction of MgO with Coke B. Electrolysis of an aqueous solution of MgCl <sub>2</sub> C. Electrolysis of molten MgCl <sub>2</sub> D. Displacement of magnesium by iron from MgCl <sub>2</sub> solution.
2	Group VII A of periodic table consist of elements.	A. 4 B. 5 C. 6 D. 7
3	Glass obtained by placing a layer of butyral plastic with a suitable adhesive between two layers of glass and cementing them by heat and pressure is called.	A. Glass wool B. Safety glass C. Optical glass D. Jena glass
4	The noble gases are found in the atmosphere to the extent of about some percent by volume.	A. 0.5% B. 1.0% C. 1.5% D. 2.0%
5	Bryllium salts on hydrolysis give.	A. Basic solutions B. Acidic solutions C. Neutral solutions D. Amphoteric solutions.
6	Arrange the following in order of increasing boiling point.	A. CH <sub>3</sub> OH &lt; CH <sub>3</sub> Cl &lt; RbCl &lt; CH <sub>4</sub> B. CHOH &lt; CH <sub>4</sub> &lt; CH <sub>3</sub> Cl &lt; RbCl C. RbCl &lt; CH <sub>3</sub> Cl &lt; CH <sub>3</sub> OH &lt; CH <sub>4</sub> D. CH <sub>4</sub> &lt; CH <sub>3</sub> Cl &lt; CH <sub>3</sub> OH &lt; RbCl
7	Used in producing intense light in cinematography	A. Xenon B. Krypton C. Radon D. Helium
8	Ca <sup>2+</sup> is isoelectronic with.	A. Mg <sup>2+</sup> B. Kr C. Ar D. Na <sup>+</sup>
9	Which of the following trihalides of nitrogen behaves as the weakest base.	A. NF <sub>3</sub> B. NCl <sub>3</sub> C. NBr <sub>3</sub> D. NI <sub>3</sub>
10	Which of the following is not an ore of nickel.	A. Pentlandite B. Siderite C. Garnierite D. Nicollite
11	The principal ores of copper are	A. Copper sulphides B. Copper oxides C. Both sulphides and oxides D. Copper carbonate
12	Which of the following process is used for the conversion of matte is to nickel.	A. Orford process B. Mond's process C. Electrolytic process D. All
13	O <sub>2</sub> molecule is.	A. Ferromagnetic B. Paramagnetic C. Diamagnetic D. Ferromagnetic
14	When orthoboric acid is heated strongly it gives.	A. B <sub>2</sub> O <sub>3</sub> B. H <sub>2</sub> B <sub>3</sub> O <sub>7</sub> C. HBO <sub>2</sub> D. H <sub>2</sub> O

15	Anhydrous $\text{AlCl}_3$ cannot be obtained by heating hydrated $\text{Al}(\text{OH})_3 \cdot 6\text{H}_2\text{O}$ Because.	<p>A. It decomposes completely to give <math>\text{Al}_2\text{O}_3</math></p> <p>B. It does not lose water completely</p> <p>C. It undergoes hydrolysis to give <math>\text{Al}(\text{OH})_3</math></p> <p>D. <math>\text{AlCl}_3 \cdot 6\text{H}_2\text{O}</math> is very stable.</p>
16	The elements with highest electron affinity belongs to.	<p>A. Period 2 , group 17</p> <p>B. Period 3, group 17</p> <p>C. Period 2, group 18</p> <p>D. Period, 2 , group 1</p>
17	The interactions in HF are.	<p>A. dipole dipole interactions</p> <p>B. Hydrogen bonds</p> <p>C. dipole -dipole and dispersion forces</p> <p>D. Hydrogen bond and dispersion forces</p>
18	Hypo is used in photography to.	<p>A. Reduce AgBr to metallic silver</p> <p>B. Remove silver a silver salt</p> <p>C. Remove undecomposed silver bromide as soluble complex</p> <p>D. Remove reduced silver</p>
19	Which of the following elements has the highest density.	<p>A. Mg</p> <p>B. Na</p> <p>C. K</p> <p>D. Rb</p>
20	Phosphorus normally exhibit a covalency of.	<p>A. +1 and +2</p> <p>B. +2 and +3</p> <p>C. +3 and +4</p> <p>D. +4 and +5</p>