

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. <div style="color: #008000;">Electrolysis of an aqueous solution of MgCl₂</div> C. Electrolysis of molten MgCl ₂ D. Displacement of magnesium by iron form MgCl ₂ solution.
2	Group VII A of periodic table consist of elements.	A. 4 B. <div style="color: #008000;">5</div> 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. <div style="color: #008000;">Safety glass</div> 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. <div style="color: #008000;">1.0%</div> C. 1.5% D. 2.0%
5	Bryllium salts on hydrolysis give.	A. Basic solutions B. <div style="color: #008000;">Acidic solutions</div> C. Neutral solutions D. Amphoteric solutions.
6	Arrange the following in order of increasing boiling point.	A. CH ₃ OH < CH ₃ Cl < RbCl < CH ₄ B. CHOH < CH ₄ < CH ₃ Cl < RbCl C. RbCl < CH ₃ Cl < CH ₃ OH < CH ₄ D. <div style="color: #008000;">CH₄ < CH₃Cl < CH₃OH < RbCl</div>
7	Used in producing intense light in cinematography	A. Xenon B. <div style="color: #008000;">Krypton</div> C. Radon D. Helium
8	Ca ²⁺ is isoelectronic with.	A. Mg ²⁺ B. Kr C. <div style="color: #008000;">Ar</div> D. Na ⁺
9	Which of the following trihalides of nitrogen behaves as the weakest base.	A. <div style="color: #008000;">NF₃</div> B. NCl ₃ C. NBr ₃ D. NI ₃
10	Which of the following is not an ore of nickel.	A. Pentalandite B. <div style="color: #008000;">Siderite</div> C. Garnierite D. Nicollite
11	The principal ores of copper are	A. Copper sulphides B. Copper oxides C. <div style="color: #008000;">Both sulphides and oxides</div> 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. <div style="color: #008000;">All</div>
13	O ₂ molecule is.	A. Fermagnetic B. Forromagnetic C. <div style="color: #008000;">Paramagnetic</div> D. Diamagnetic
14	When orthoboric acid is heated strongly it gives.	A. B ₂ O ₃ B. H ₂ B ₃ O ₇ C. <div style="color: #008000;">HBO₂</div>

15 Anhydrous AlCl_3 cannot be obtained by heating hydrated $\text{AlO}_3 \cdot 6\text{H}_2\text{O}$ Because.

A. It decomposes completely to give Al_2O_3
B. It does not lose water completely
C. It undergoes hydrolysis to give $\text{Al}(\text{OH})_3$
D. $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$ is very stable.

16 The elements with highest electron affinity belongs to.

A. Period 2 , group 17
B. Period 3, group 17
C. Period 2, group 18
D. Period, 2 , group 1

17 The interactions in HF are.

A. dipole dipole interasactions
B. Hydrogen bonds
C. dipole -dipole and dispersion forces
D. Hydrogen bond and diapersin forces

18 Hypo is used in photography to.

A. Reduce AgBr to metallic silver
B. Remove silver a silver salt
C. Remove undecomposed silver bromide as soluble complex
D. Remove reduced silver

19 Which of the following elements has the highest density.

A. Mg
B. Na
C. K
D. Rb

20 Phosphorus normally exhibit a covalency of.

A. +1 and +2
B. +2 and +3
C. +3 and +4
D. +4 and +5
