

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Nitrogen (N ₂) is relatively unreactive because.	A. Its electronegativity is high B. Its dissociation energy is large C. Its atomic radius is small D. It is the first element of group 15
2	Which of the following carbides reacts with H ₂ O to form propane.	A. Al ₄ C ₃ B. CaC ₂ C. SiC ₂ D. SiC
3	Which of the following statement is not true regarding Open Hearth process.	A. No iron is lost B. The process is economical and simple C. Steel obtained is of high quality D. Scrap iron cannot be used in this process.
4	The first noble gas compound was	A. XeO ₃ B. XeF ₄ C. XeF ₆ D. Xe +[PtF ₆]
5	Black and white photographic film contain small grains of.	A. Silver bromide B. Silver chloride C. Silver iodide D. Any of above
6	Which of the following can be used as drying agent of ammonia.	A. CaO B. Anhydrous CaCl ₂ C. P ₂ O ₅ D. Conc. H ₂ SO ₄
7	Formula of orthophosphoric acid.	A. H ₂ PO ₄ B. H ₃ PO ₃ C. H ₃ PO ₂ D. H ₄ PO ₅
8	Pick out incorrect statement about K ₂ Cr ₂ O ₇	A. It oxidizes acidified solution H ₂ SO ₄ to S B. It oxidizes KI to I ₂ C. It oxidizes HCl to Cl ₂ D. It gives oxygen, when treated with cold conc. H ₂ SO ₄
9	Which of the following is diamagnetic	A. O ₂ B. O ₂ ⁺ C. O ₂ ⁻ D. O ₂ ^{2- </sup>}
10	Inter halogens are of types.	A. 3 B. 4 C. 5 D. 6
11	Which of the following is not an alum.	A. KAl (SO ₄) ₃ 12 H ₂ O B. NaAl (SO ₄) ₂ 12 H ₂ O C. NH ₄ Fe (SO ₄) ₂ 12H ₂ O D. FeAl (SO ₄) ₂ . 12 H ₂ O
12	Ionic compounds in general possess both	A. High melting point and non - directional bonds B. High melting points and low boiling points C. Directional bonds and low boiling points D. High solubility in polar and non - polar bonds.
13	The colour of Ni ²⁺ ion is.	A. Blue B. Green C. deep green D. Orange
14	Example of linear geometry	A. XeF ₂ B. F ₂ and HgCl ₂

		C. CdI ₂ AND Ag Cl ₃ D. All of the above
15	The contact process is mainly used when acid is required for the manufacture of.	A. Explosives B. Fine chemicals C. Lead accumulators D. All above
16	Iron which contains up to 1% carbon is called.	A. Steel B. Cast iron C. Wrought iron D. Pig iron
17	The purification of Bauxite can be carried out.	A. Baeyer's process B. Hall's process C. Serpek's process D. Any of above
18	Pick out the incorrect statement about K ₂ Cr ₂ O ₇	A. It is thermally stable B. It dissolves in alkali to form chromate C. It oxidizes acidified FeSO ₄ solution to Fe ₂ (SO ₄) ₃ D. It is used as cleansing agent for glassware, etc. when mixed with cold conc. H ₂ SO ₄
19	Which one of the following noble gas is obtained by radioactive disintegration	A. Kr B. Br C. Rn D. Xe
20	Example of intra molecular hydrogen bonding.	A. O-nitrophenol B. O-hydroxy benzaldehyde C. O- hydroxy benzoic acid D. All of the above