

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Aluminum is an active metal but does not corrode as iron does because.	A. Al does not react with O ₂ B. A protective layer of Al ₂ O ₃ forms on the metal surface C. Al is harder to Oxidize than is Fe D. Aluminium has a high tensile strength
2	Sulphate ores of aluminium	A. Alumite B. Cryolite C. Fekdsper D. Kaolin
3	Which of the following species have undistributed octahedral structure.	A. SF ₆ B. PF ₆ C. Si F ₆ D. XeF ₆
4	Law of octaves was proposed by	A. Lother meyer B. D.I.Mendeleev C. J.A.R. Newlands D. J.W. Dobereiner
5	The formula of bleaching powder is.	A. Ca OCl ₂ B. CaClO ₃ C. Ca(ClO) ₃ D. CaOCl
6	Which of the following ions does not have the electronic configuration same as that of neon.	A. F ⁻ B. O ₂ ⁻ C. Na ⁺ D. Ca ²⁺
7	Atomicity of which of the following pair of elements is not same as hydrogen.	A. Phosphorus, Nitrogen B. Nitrogen, Argon C. Nitrogen, iodine D. Iodine, sulphur
8	Molecule is a diatomic	A. Nitrogen B. Phosphorous C. Arsenic D. Antimony
9	Relative order of acidity of HF, HCl, HBr, and HI acids is	A. HCl > HBr > HI > HF B. HF > HCl > HBr > HI C. HI > HBr > HCl > HF D. HF > HI > HCl > HBr
10	Which of the following gas is lightest.	A. Dihydrogen B. Helium C. Dinitrogen D. Dioxygen
11	The only oxidation state of alkali metals in their compounds is.	A. +1 B. +2 C. -1 D. 0
12	[Ti(OH ₂) ₆] ³⁺ gives colour	A. Green B. Red C. Purple D. Blue
13	Form electron deficient compounds	A. B B. Al C. Both B and Al D. None of above
14	Carbon in wrought iron is present as	A. Silicon carbide B. Iron carbide cementite C. Graphite D. Partly as iron carbide and partly as graphite
15	Which one of following is non polar	A. CH ₂ Cl ₂ B. CCl ₄

C. CHCl_3
D. CH_3Cl

16 Dry ice is

A. Solid CO
B. Solid CO_2
C. Solid NH_3
D. Solid SO_2

17 Bond angle is minimum in

A. H_2O
B. CO_2
C. NH_3
D. CH_4

18 Which element amongst the following has the highest boiling point.

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

19 The law of triads is applicable to

A. Lithium, beryllium, boron
B. Fluorine, chlorine, bromine
C. Chlorine, bromine, iodine
D. Sodium, potassium, Rubidium

20 Which of the following elements has the highest third ionization energy.

A. Sodium
B. Magnesium
C. Aluminum
D. Silicon