

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Lithium shows diagonal relationship with	A. Beryllium B. Sodium C. Magnesium D. Calcium
2	Is a chain silicate	A. Olivine B. Tremolite C. Beryl D. Zeolite
3	Which of the following alkaline earth metals occurs in radioactive form in nature.	A. Ca B. Mg C. Ra D. Ba
4	The element with maximum first ionization energy is.	A. B B. N C. O D. C
5	Neon is used in neon signs for advertising purpose because.	A. Neon lights are visible from long distance B. Neon light are visible though fog & mist C. Both A and B D. None of the above
6	Which of the following element has six electrons in the valance shell but cannot exhibit a maximum co valency of six.	A. Sulpher B. Oxygen C. Selenium D. Both A and B
7	A trend which is common to elements of both the group IA and group VII A ongoing from top to bottom.	A. Boiling point increases B. Electron affinity increases C. Oxidizing power increases D. Ionization energy decrease
8	Stable metal ions strutures are.	A. Noble gas structure B. Is electron group structure C. Transition metal in structure D. All of the above
9	Which one of the following pairs are chemically dissimilar.	A. Na and K B. Ba and Sr C. Zr and HF D. Ca and Zn
10	Are used as water repellents	A. Carbides B. Silicon C. Silicones D. Silicates
11	Graphite is a good conductor of electricity because is.	A. Has sp ² hybridized carbon stoms B. Has free electrons C. Is crystalline D. Has free atoms
12	Glass electrode cannot be used to measure the pH of pure.	A. Acetic acid B. Ethyl alcohol C. Gelatin D. All above
13	Which of the following hydroxide is amphoteric.	A. B(OH) ₃ B. Al(OH) ₃ C. Ga(OH) ₃ D. In(OH) ₃
14	Which of the following contains both covalent and ionic bond.	A. CCl ₄ B. NH ₄ Cl C. CaCl ₂ D. H ₂ O
15	The electronegativity of the following elements increases in the order.	A. C, N, Si, P B. N, Si, C, P C. Si, P, C, N

16 In which pair of species, the Lewis formula contain same number of Lone pairs and bond pairs but they are not iso electronci.

A. O₂ B₂
B. SO₂, O₃
C. PCl₃, BF₃
D. SOCl₂, COCl₂

17 Blue color of glass of due to the presence of .

A. Cobalt (II)
B. Chromium (III)
C. Iron (III)
D. copper (II)

18 Which is not an ore of aluminium.

A. Bauxite
B. Cryolite
C. Monazite
D. Corundum

19 In B₂H₆ molecule

A. There exists a direct B-B a -bond
B. All the atoms are in one plane
C. All the B-H bonds are normal covalent bonds
D. There exist two bonds between the boron atoms.

20 Which of the following have identical bond order.

A. CN⁻ and O₂⁻
B. CN⁻ and NO⁺
C. O₂⁻ and CN⁺
D. NO⁺ and CN⁺