

## PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	The element with the highest first ionization potential is.	A. Boron B. Carbon C. Nitrogen D. Oxygen
2	Which of the following elements has the highest melting point.	A. Magnesium B. Calcium C. Strontium D. Beryllium
3	Red colour of glass of due to the presence of	A. Cu <sub>2</sub> O B. CoO C. MnO <sub>2</sub> D. CdS
4	The formula of copper pyrite is.	A. CuFeS B. CuFeS <sub>2</sub> C. Cu <sub>2</sub> FeS D. Cu Fe <sub>2</sub> S
5	Which of the following statements correct regarding copper.	A. It is used in electroplating B. Its salts are used as insecticides C. Its salts are used as coloring materials D. All are correct
6	Which name is associated with the rules which help in predicting the portability of anion.	A. Soddy B. Slater C. Fajan D. Linus pauling
7	A <sup>0</sup> or 10 Dq is called crystal field.	A. Energy B. Splitting energy C. Stabilization energy D. None of above
8	The process in which ore is heated generally in the presence of air, at temperature below their melting points is called.	A. Calcination B. Roasting C. Fourth floatation D. besemerization
9	How many sigma and pi bonds are there in a CO <sub>2</sub> molecule.	A. 2 sigma B. 2 sigma and 4 pi C. 2 sigma and 2 pi D. 4 sigma and no pi
10	Pick out the incorrect statement for SO <sub>2</sub>	A. It turns filter paper moistened with acidified K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> B. It turns starch iodate paper blue C. It does not react with chlorine in presence of charcoal D. It decolourises acidified KMnO <sub>4</sub> solution.
11	Sodium Tetra borate is used	A. As alkaline buffer in dyeing & bleaching process B. In manufacture of optical glass C. in enameling and making glaze D. All above
12	Which of the following compounds is electrovalent in nature.	A. SO <sub>2</sub> B. ICl C. KBr D. CHI <sub>3</sub>
13	A colorless gas with pleasant odour and sweet taste.	A. N <sub>2</sub> O B. N <sub>2</sub> O <sub>3</sub> C. NO D. N <sub>2</sub> O <sub>4</sub>
14	Which is not an ore of aluminium.	A. Bauxite B. Cryolite C. Monazite D. Corundum

15	iodine is used as	A. Tincture of iodine B. Iodex and antiseptic C. Treatment of goiter D. All above
16	Which of the following halide has lowest melting point.	A. NaCl B. NaF C. NaBr D. NaI
17	Used for sterilization of drinking water	A. F B. Br C. Cl D. I
18	Which of the following compounds liberates CO <sub>2</sub> on heating.	A. Li <sub>2</sub> CO <sub>3</sub> B. Na <sub>2</sub> CO <sub>3</sub> C. K <sub>2</sub> CO <sub>3</sub> D. All liberate CO <sub>2</sub> on heating.
19	Which of the following state is not true with respect to copper.	A. it is malleable and ductile B. It is a best conductor of heat and electricity C. It forms alloys easily D. Molten copper absorbed carbon dioxide
20	The magnitude of electron affinity depends on.	A. Atomic size B. Nuclear charge C. Electronic configuration D. All of the above