

## PPSC Chemistry Part III Inorganic Chemistry Online Test

| Sr | Questions  | Answers Choice  |
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| 1  | Which of the following is not an alkali metal                          | A. Rb<br>B. Sb<br>C. Cs<br>D. Fr  |
| 2  | Aluminium halides is.  | A. White crystalline solid<br>B. Hygroscopic<br>C. Sublimes at 180°C<br>D. All above  |
| 3  | Alums are generally used   | A. In Dyeing and water proofing of fabric<br>B. In arrest bleeding<br>C. In water purification<br>D. All above  |
| 4  | Neon is used in neon signs for advertising purpose because.            | A. Neon lights are visible from long distance<br>B. Neon light are visible though fog & mist<br>C. Both A and B<br>D. None of the above   |
| 5  | Which of the following is a false statement.                           | A. Halogens are strong oxidizing agent<br>B. Halogens show only (-I) Oxidation state<br>C. H <sub>2</sub> F molecules form intermolecular H-Bonds<br>D. Fluorine is highly reactive                                 |
| 6  | The type of bonding in HCl is  | A. Pure covalent<br>B. Polar covalent<br>C. Highly polar<br>D. Hydrogen bonding   |
| 7  | Which property is not exhibited by carbon in its compounds.            | A. Forming bonds to other carbon atoms<br>B. Formation multiple forms<br>C. Exhibiting allotropic forms<br>D. Forming compounds with coordination number beyond four  |
| 8  | Is a peroxy acid   | A. H <sub>2</sub> SO <sub>5</sub><br>B. H <sub>2</sub> SO <sub>6</sub><br>C. H <sub>2</sub> SO <sub>4</sub><br>D. H <sub>2</sub> SO <sub>7</sub>  |
| 9  | In which period, the element with least ionization enthalpy belong to  | A. Group 1<br>B. Group 2<br>C. Group 17<br>D. Group 18  |
| 10 | Molecules have zero dipole moment                                      | A. CO <sub>2</sub><br>B. BCl <sub>3</sub><br>C. CH <sub>4</sub> & CCl <sub>4</sub><br>D. All above  |
| 11 | Which of the following oxides is amphoteric..                          | A. CaO<br>B. BaO<br>C. BeO<br>D. MgO  |
| 12 | Aluminum is an active metal but does not corrode as iron does because. | A. Al does not react with O <sub>2</sub><br>B. A protective layer of Al <sub>2</sub> O <sub>3</sub> forms on the metal surface<br>C. Al is harder to Oxidize than is Fe<br>D. Aluminium has a high tensile strength |
| 13 | Which of the following statements correct regarding copper.            | A. It is used in electroplating<br>B. Its salts are used as insecticides<br>C. Its salts are used as coloring materials<br>D. All are correct   |

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| 14 | Metal are generally elements  | A. Electronegative<br>B. Electropositive<br>C. Neutral<br>D. None of the above  |
| 15 | Both the elements shows allotropy   | A. B & Al<br>B. B & Si<br>C. Al & Si<br>D. Any of above   |
| 16 | The 'shape' of molecule . " Xe F6 is.   | A. Pentagonal bipyramidal<br>B. Regular octahedral<br>C. Distorted octahedral<br>D. Square planar   |
| 17 | Which of the following elements is most electropositive.  | A. C<br>B. N<br>C. O<br>D. Be   |
| 18 | Lothar Meyer plotted a graph showing variation of.  | A. Atomic volume with increase in atomic number<br>B. Atomic volume with increase in atomic weight<br>C. Atomic radii with increase in atomic weight.<br>D. Atomic weight which increase in atomic number |
| 19 | In German Silver copper is alloyed with which metal.  | A. Zn<br>B. Ni<br>C. Al<br>D. Zn and Ni   |
| 20 | Considering the element B, C, N, O and Si, the correct order of their non- metallic character is. | A. B > C > Si > N > F<br>B. Si > C > B > N > F<br>C. F > N > C > B > Si<br>D. F > N > O > Si > B  |