

## NAT I Engineering Chemistry

Sr	Questions	Answers Choice
1	Phosphide ion has the electronic structure similar to that of	A. Nitride ion B. Fluoride ion C. Sodium ion D. Chloride ion
2	Which one of the following elements occurs free in nature?	A. $\text{N}$ B. P C. As D. Sb
3	Red lead is	A. $\text{PbO}$ B. $\text{Pb}_3\text{O}_4$ C. $\text{PbO}_2$ D. $\text{Pb}_2\text{O}_3$
4	The principle constituent of pyrex glass is	A. Zn B. B C. Pb D. Cl
5	The halide which is not hydrolysed is	A. $\text{SiCl}_4$ B. $\text{SiF}_4$ C. $\text{CCl}_4$ D. $\text{PbCl}_4$
6	Galena is an ore of	A. Gallium B. Lead C. Tin D. Germanium
7	The substance used as a smoke screen in warfare is	A. $\text{SiCl}_4$ B. $\text{PH}_3$ C. $\text{PCl}_5$ D. Acetylene
8	Al is more reactive than Fe but Al is less easily corroded than Fe Because	A. It is a noble metal B. Oxygen forms a protective reaction easily with water C. Iron undergoes reaction easily with water D. Fe form mono and divalent ions.
9	Alum is not used	A. As a mordant in dyeing B. As an insecticide C. In purification of water D. In tanning of leather
10	Which is true for an element R present in group 13 of the periodic table?	A. It is a gas at room temperature B. It has oxidation state of +4 C. It forms $\text{R}_2\text{O}_3$ D. It forms $\text{RX}_2$