

Daily Tutorial Sheet 11

Numerical Value Type for JEE Main

126.(4) Graphite, Black phosphorus, Rhombic sulphur and White tin.

127.(8) $\text{HNO}_3 \longrightarrow \text{N}_2\text{O}$
(Very dil.)

128.(4) Graphite, $(\text{BN})_x$, $\text{B}_3\text{N}_3\text{H}_6$, C_6H_6

129.(2) $\text{Na}_2\text{B}_5\text{O}_7 + 2\text{HCl} + 5\text{H}_2\text{O} \longrightarrow 2\text{NaCl} + 4\text{H}_3\text{BO}_3$

130.(2) $\text{Ca}_3\text{P}_2 + 6\text{H}_2\text{O} \longrightarrow 3\text{Ca}(\text{OH})_2 + 2\text{PH}_3\uparrow$

131.(4) $2\text{NO}_2 + \text{H}_2\text{O} \longrightarrow \text{HNO}_3 + \text{HNO}_2$

$\text{N}_2\text{O}_4 + \text{H}_2\text{O} \longrightarrow \text{HNO}_3 + \text{HNO}_2$

$\text{N}_2\text{O}_5 + \text{H}_2\text{O} \longrightarrow 2\text{HNO}_3$

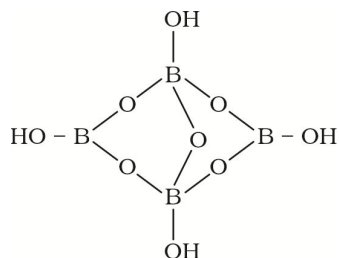
$\text{N}_2\text{O}_3 + \text{H}_2\text{O} \longrightarrow 2\text{HNO}_2$ (Produce HNO_3 on disproportionation)

132.(4)
$$\begin{array}{c} | \\ \text{O} \\ | \\ -\text{O}-\text{Si}-\text{O}- \\ | \\ \text{O} \\ | \end{array}$$

133.(8) IF_7

134.(8) $\text{PCl}_5 + 3\text{H}_2\text{O} \longrightarrow \text{H}_3\text{PO}_4 + 5\text{HCl}$

135.(7) Structure of borax is



$x = 5, \quad y = 0, \quad z = 2$