

Daily Tutorial Sheet-15

Level-3

159-161 **159.(C)** **160.(B)** **161.(C)**

A = KOH, B = H₂O₂, C = O₂, D = K₂SO₄, E = K₂CO₃

162. **[A-p, q, s] [B-p, q, r] [C-q, r] [D-q, r s]**

CaH₂ reacts with water giving Ca(OH)₂ and hydrogen. CaC₂ with water gives acetylene.

163.(3) The alkali metal nitrate which gives NO₂ gas on heating is LiNO₃. For Li, Z = 3.

164.(2) In KHCO₃, 2HCO₃⁻ are joined by the hydrogen bonding.