

CLASS 10: Chemistry Revision Worksheet 1

Name..... Sec.....Date.....

1. Name the following:

- (a) A non-metallic nitrate which on heating does not liberate nitrogen dioxide
- (b) A metallic nitrate which on heating does not liberate nitrogen dioxide
- (c) A metallic nitrate which on heating gives its respective metal
- (d) The chemical name of an unstable brown coloured compound formed during brown ring test for nitrogen
- (e) Two metals which react with dilute nitric acid to liberate hydrogen
- (f) Gas liberated when potassium iodide reacts with concentrated nitric acid
- (g) A yellow non-metal formed when hydrogen sulphide gas is passed through conc. nitric acid
- (h) A metallic nitrate which decrepitates on heating
- (i) The fertilizer formed when carbon dioxide is reacted with ammonia
- (j) Two metallic oxides which are reduced by ammonia
- (k) Two gases which give dense white fumes with ammonia
- (l) The solution which turns brown when it comes in contact with ammonia
- (m) Gas obtained when magnesium nitride is warmed with water
- (n) Metal which directly combines with nitrogen on heating
- (o) Drying agent for ammonia
- (p) Catalyst used during Haber's process
- (q) Process by which nitric acid is manufactured
- (r) The type of reactions that alkanes undergo
- (s) The type of reactions that alkenes undergo
- (t) The gas commonly called the marsh gas
- (u) Mixture of sodium hydroxide and calcium oxide
- (v) The compounds having same molecular formula but different structural formula
- (w) The flame used for welding and cutting metals
- (x) Process by which ethene is obtained from ethanol
- (y) The catalyst used during hydrogenation of alkene
- (z) The property of carbon by which it can link to each other in the form of long chain or ring structure