

GENERAL CHEMISTRY

Total Questions » 10

Max Time Allowed: 10 min

- Q.1)** A chocolate brown solid on heating gives off colourless and odourless gas which rekindles a glowing wooden splinter. The residue is reddish brown when hot and yellow when cold
- A. Lead nitrate
B. Lead(IV)oxide
C. mercury(II)oxide
D. ammonium nitrate
- Q.2)** A light green solid on heating gives off a black residue and gives off a colourless gas which turns lime water milky
- A. iron(II)sulphate
B. copper (II)carbonate
C. lead carbonate
D. Ammonium dichromate
- Q.3)** A white crystalline solid sublime on heating to form dense white fumes. The fumes solidify on the cooler parts of the test tube to form the original solid.
- A. Ammonium dichromate
B. Ammonium chloride
C. Sodium carbonate
D. copper carbonate
- Q.4)** A red solid on heating gives off oxygen. The silvery droplet are seen on the cooler parts of the test tube.
- A. mercury(II)oxide
B. ammonium chloride
C. ammonium dichromate
D. lead(IV)oxide
- Q.5)** A white crystalline solid melts on heating. It gives off a colourless gas which rekindles the glowing splinter. The paste of solid in HCl give a golden yellow flame, when held in non luminous flame
- A. potassium nitrate
B. sodium nitrate
C. calcium nitrate
D. copper nitrate
- Q.6)** An orange coloured crystalline solid on heating leaves behind a greenish mass. It swells and gives off nitrogen and steam
- A. Ammonium dichromate
B. lead nitrate
C. Trilead tetra oxide
D. copper nitrate
- Q.7)** A solid which is yellow when hot and white when cold
- A. mercury(II)oxide
B. zinc oxide
C. lead(IV)oxide
D. Sodium nitrate
- Q.8)** A white crystalline solid decomposes explosively on heating and leaves behind no residue. One of the gaseous product formed is neither combustible, nor does it support combustion or turns lime water milky.
- A. Ammonium chloride
B. Ammonium nitrate
C. Ammonium nitrite
D. Sodium nitrate
- Q.9)** A white crystalline solid decomposes explosively on heating and leaves behind no residue. One of the gaseous product formed is supporter of combustion
- A. Ammonium nitrate
B. ammonium nitrite
C. ammonium chloride
D. sodium nitrate
- Q.10)** A heavy crystalline solid on heating decrepitates to form a residue which is reddish brown when hot and yellow when cold. It gives off a brown gas along with oxygen
- A. Red lead
B. Lead(IV)oxide
C. Lead nitrate
D. Ammonium dichromate