

INORGANIC REACTIONS OF CHAPTER 1 AND 2 (Total = 48)

1. Sodium reacts with excess Oxygen
2. Potassium forms super oxide
3. Rubidium is oxidized
4. Alkali metals undergo hydrolysis
5. Alkaline earth metals are hydrolyzed
6. Calcium reacts with Chlorine
7. Magnesium reacts with Nitrogen
8. Alcohol shows acidic behavior
9. Sodium is put into hydrochloric acid
10. Sodium amalgam is hydrolyzed
11. Ferric chloride is mixed with aqueous caustic soda
12. Caustic soda reacts with aqueous Aluminium
13. Zinc is dissolved in Caustic soda
14. Chlorine gas is mixed with hot aqueous Sodium hydroxide
15. Bleaching powder is dissolved in water
16. Bleaching powder is treated with HCl

17. Boron is oxidized in air
18. Silicon burns in air at above 90 °C
19. Nitrogen is oxidized at high temperature
20. Nitrogen reacts with Oxygen in presence of catalyst
21. Phosphorus burns with limited Oxygen
22. Phosphorus burns with excess of Oxygen
23. Phosphorus reacts vigorously with water
24. Chlorine undergoes auto oxidation and reduction reaction
25. Bromine undergoes self oxidation and reduction reaction
26. Aluminium undergoes chlorination
27. Nitrogen reacts with Chlorine
28. Aluminium is treated with Hot Nitrogen gas
29. Nitrogen reacts with very hot Phosphorus
30. Sulphur reacts with Hydrogen
31. At high temperature Silicon reacts with Hydrogen
32. Chlorine can replace Bromine ion.
33. Sulphuric acid strong oxidizing agent

34. Sulphuric acid good dehydrating agent
35. Sulphuric acid can be used as sulphonating agent
36. Steam is passed over Chromium
37. Chromium undergoes oxidation
38. Potassium dichromate reacts with oxalic acid in acidic medium
39. Potassium dichromate reacts with Ferrous sulphate in acidic medium
40. Manganese is put into dilute sulphuric acid
41. Potassium permanganate reacts with oxalic acid in acidic medium
42. Potassium permanganate reacts with Ferrous sulphate in acidic medium
43. Potassium permanganate is put into neutral medium
44. Copper is placed in concentrated sulphuric acid
45. Copper is placed in concentrated nitric acid
46. Slaked lime is reacted with Chlorine gas
47. Iron is exposed to air
- 48.** Potassium is put in ethanol