**The City School**

 **North Nazimabad Boys Campus**

**Worksheet#2**

**Chemistry class 9**

Q.1. Choose the best answers:

1. Metals are solids except
2. helium
3. selenium
4. mercury
5. Potassium
6. Potassium Oxide is formed through
7. two potassium ions and one oxygen ion
8. one potassium ion and one oxygen ion
9. two potassium ions and two oxygen ion
10. one potassium ion and two oxygen ion
11. In forming an ionic bond in Potassium Fluoride (KF), Potassium ion (K+)
12. gets a single positive charge
13. gets a double positive charge
14. gets a single negative charge
15. gets a double negative charge
16. When an acid (H+) is added to alkali (OH-), product is
17. hydroxides
18. water
19. salts
20. hydrogen gas
21. Due to mobile valence electrons,
22. metals are rigid
23. metals are not rigid
24. metals are poor electrolytes
25. metals are poor insulators
26. K2O + H2O →
27. K(OH)3
28. KOH
29. KOH.H2O
30. KO + H2 + O2
31. Excess acidity caused by acid rain can be neutralized by adding
32. more fertilizers
33. by removing acidified soil
34. by adding P2O5
35. by adding limeswer D
36. More corrosive acid is
37. H2CO3
38. H2SO3
39. HNO3
40. C6H8O7

Q.2. Differentiate between:

1. Base and Alkali
2. Basic and Acidic oxides
3. Ionic and Covalent bonding