**Paper 2 viva questions**

1. **What is an indicator?**
2. **What is end point?**
3. **What is a standard solution? And What is a primary standard?**
4. **What is a titrant, titrand?**
5. **What is the principle of acid – base/ neutralization reactions?**
6. **Name a ph indicator. how does it work?**
7. **What is colour change for phenolphthalein in acid/base medium?**
8. **Give example of strong acid, strong base, weak acid, weak base.**
9. **What is pH?**
10. **What is a buffer solution?**
11. **What is the principle of complexometric titrations?**
12. **What is a metal ion indicator?**
13. **Write the formula and structure of EDTA? What is the coordination no of EDTA?**
14. **What is a chelate?**
15. **Define oxidation/reduction.**
16. **Name few oxidizing agents.**
17. **What is the indicator in Permangnetometry?**
18. **What is the indicator in dichrometry?**
19. **In the given equation which is the oxidizing agent and which one is reducing agents.**
20. **What is hardness of water?**
21. **What is distilled/mineral water?**
22. **What is the indicator in iodometry?**
23. **What is a link solution/ sec. standard?**
24. **What is a self indicator?**
25. **Why do you use freshly prepared starch solution?**
26. **Explain the principle of estimation of carbonate – bicarbonate mixture.**
27. **What is Gravimetery?**
28. **What is DMG?**
29. **What is a quantitative estimation?**
30. **What is molarity, normality?**
31. **Final rinse of burette with…., pipette with…… and conical flask with……….**
32. **What is calibration of weights?**

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