**Revision stuff for Acids & Bases test**

1. Arrhenius and Bronsted theory of acids & bases. Equations.
2. What do you mean by the term amphiprotic substance. Show with examples/ equations.
3. Hydrolysis of various salts – acidic/ basic/ neutral
4. Revise page: 183 of NC especially table
5. Buffers – buffering capacity – examples
6. How does the pH varies when an acid is added to a buffer solution having an initial pH of 7?
7. Study different definitions given by different scientists on acids and bases along with equations.
8. Hydrolysis of aspirin tablet
9. What is meant by diprotic acid in relation to Bronsted Lowry acids and bases? Give equations for ionisation of polyprotic acids. Show with the help of examples.
10. Classification of certain salts as acidic, basic or neutral
11. Relationship between Ka, Kb with amounts of products/ reactants
12. Strong, weak acids and bases. Conjugate acids/ bases
13. Revise calculation parts (pH, concentration, pOH, Kw etc from PowerPoint and text
14. Increasing concentration of CO2 Vs pH of ocean system.
15. **Actions to address CO2 emissions:** Role of IPCC/ Kyoto Protocol etc Page: 115 NC
16. **Auto-**ionisation of water
17. Davy’s understanding of acids. Equation.
18. Compare the pH of a solution of tartaric acid with the pH of a solution of nitric acid
19. PH calculations

Remember this is not the only one you need to revise, there will be lots of other stuff can come for your test so study all PowerPoint notes, text info, revise past exam papers, complete workbook. Good luck for Mondays test.