

QP Code: 105008

Reg.No.:

First B.Pharm (Ayurveda) Degree Examinations, October 2016

PHARMACEUTICAL ANALYSIS

Time: 3 Hours

Max Marks: 100

- Answer all questions

Essay

(2x10=20)

1. Derive Henderson-Haselbatch equation for acid and bases. Explain about the significance of Henderson-Haselbatch equation
2. Explain about types of salt hydrolysm in acid base titrations.

Short Notes

(10x5=50)

3. Explain about amino acid titrations
4. Differentiate co-precipitation and post precipitation
5. Explain the steps involved in precipitation process
6. Differentiate iodimetry and iodometry
7. Secondary standards
8. Explain about thermogravimetric curves
9. Diazotization titration
10. Explain about the measurement of standard electrode potential value in redox titration
11. Ionic product of water
12. Explain about Gay lussac method

Answer Briefly

(10x3=30)

13. How mordant black II indicator works in complexometry
14. Ideal properties of washing liquid used in gravimetry
15. How methyl orange works
16. Standardization of 0.1 N silver nitrate solution
17. What is sequestering agent
18. Advantages and disadvantages of organic precipitating agent
19. What is levelling and differentiating effect
20. Preparation of 0.1 m sodium methoxide solution
21. Application of non-aqueous titration
22. Mean deviation
