

QP Code: 105008

Reg.No.:

First B.Pharm (Ayurveda) Degree Examinations, October 2017

PHARMACEUTICAL ANALYSIS

Time: 3 Hours

Max Marks: 100

- Answer all questions

Essay

(2x10=20)

1. Explain about type of p^m indicators used in complexometric titration. Discuss its mechanism and structure
2. Explain in detail about neutralization curves in acid base titrations.

Short Notes

(10x5=50)

3. Universal indicators
4. How to minimize errors
5. Pharmaceutical buffers
6. Explain the methods for expressing concentration
7. Explain the theories of acid base indicators
8. Polyprotic system
9. Differentiate between Mohr's method and Volhardz method
10. How adsorption indicator works
11. Explain about the principle behind the assay of boric acid
12. How halogen acid salt of weak base analyzed by non aqueous titration

Answer Briefly

(10x3=30)

13. Ideal properties for a primary standard
14. What is buffer capacity
15. How phenolphthalein works
16. Types of filter papers used in gravimetry
17. Common ion effect
18. Define oxidation and reduction
19. Explain about conjugate acid base pairs
20. Explain the construction of hydrogen electrode
21. Preparation of 0.05M EDTA solution
22. Solvents used in non- aqueous titration.
