

QP Code: 105008

Reg.No.:

First B.Pharm (Ayurveda) Degree Supplementary Examinations, March 2015

PHARMACEUTICAL ANALYSIS

Time: 3 Hours

Max Marks: 100

- Answer all questions

Essay

(2x10=20)

1. Explain about the types of neutralization curves.
2. Discuss briefly on: • Oxygen flask combustion and • Potentiometric determination of primary aromatic amino group.

Short Notes

(10x5=50)

3. Various factors affecting pH of a buffer solution.
4. Explain the theory and procedure involved in the determination of barium as barium sulphate.
5. Describe briefly the redox titration involved in sodium 2, 6 dichlorophenol indophenols.
6. Explain about the turbidity method in argentimetric titration.
7. How will you standardize ceric ammonium sulphate.
8. Explain about the various factors affecting EDTA titrations.
9. How does phenolphthalein works.
10. How can you calculate the standard redox potential value.
11. Explain about the theory of precipitation.
12. Explain about borate buffers.

Answer Briefly

(10x3=30)

13. How we calculate gravimetric factor with suitable example
14. Discuss the advantages of gravimetric analysis.
15. How starch iodide paper is prepared.
16. What is ligand.
17. Requirements of metal indicators.
18. Mentions the examples for adsorption indicators.
19. Why is disodium edetate used instead of EDTA.
20. Explain secondary standards.
21. What is a diazotization titration.
22. Name some oxidizing agents.
