

2010 scheme

QP CODE: 402006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations November 2024

Pharmaceutical Analysis – II

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw Diagrams wherever necessary.*

Essays

(3x10=30)

1. Describe the theory of thin layer chromatography, preparation of plates, procedure and methods of spot detection.
2. Define conductance. Explain the concepts different types of curves of conductometric titrations.
3. Draw a double beam UV visible spectrometer and explain the various parts and its functions.

Short notes

(14x5=70)

4. Explain the principle involved in the IR spectroscopy.
5. Applications of gel electrophoresis.
6. Define and classify various quenching.
7. Define and classify chromatography.
8. Write the significance of ICH guidelines.
9. Various types of quality audits.
10. Construction of Hollow Cathode Lamp.
11. Classify ion exchange chromatography resins.
12. Define and describe the frontal analysis.
13. Detail the salient features of ISO 9000.
14. Thermo gravimetric applications.
15. Write the various types of amperometric titration.
16. Construction and working principles of flame ionization detector.
17. Write the theory of Bragg's equation.
