

2010 scheme

QP CODE: 402006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations April 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. With the neat diagram explain the component and detectors used in gas chromatography
2. Explain the analytical validation parameters as per ICH guidelines
3. Write on the principle and working of IR Spectrophotometry. Explain the sampling techniques.

Short notes

(14x5=70)

4. Write the application of potentiometric titration in Pharmaceuticals.
5. Explain the Bragg's law
6. Brief on gel filtration
7. Explain the electrochemical cells
8. Write on factors affecting fluorescence
9. Brief on the different types of paper chromatography
10. Explain on the instrumentation of turbidimetry
11. Write the principle and application of atomic absorption spectroscopy
12. Brief on detection of sodium and potassium using flame photometry
13. Explain the beer lambert's law
14. Write the principle of Nuclear magnetic resonance spectroscopy
15. Explain ISO 9000
16. Write on interpretation of analytical data
17. Explain the application of electrophoresis
