

2010 scheme

QP CODE: 402006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations December 2022

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. Draw the components and explain the operation of Gas chromatography
2. With suitable examples explain IR interpretation of organic molecules
3. Explain amperometric titrations with polarized electrode. Write on amperometric titration curves

Short notes

(14x5=70)

4. With diagram explain operation of a double beam spectrophotometer
5. Write principle and applications of electrophoresis
6. Give Concepts of ISO9000
7. With Jablonki's diagram, explain fluorescence
8. Give principle and applications of Atomic absorption spectroscopy
9. Draw conductometric titration curves
10. Write on TGA and DSC principles
11. What is current voltage curve and its purpose
12. Write on validation of analytical procedures
13. Brief on C-13 NMR.
14. Describe Bragg's law
15. Ionisation in mass spectrometry
16. Radio immuno Assay
17. Ultra centrifuge in pharmaceutical analysis
