

Roll No.

Total Printed Pages -02

F - 1317

**B. Pharma. (Fifth Semester)
EXAMINATION, May - June, 2022
Paper Third
PHARMACEUTICAL ANALYSIS-III**

Time : Three Hours]

[Maximum Marks:70

Note: Attempt any five questions.

All questions carry equal marks.

1. What are Validation? Discuss the Validation of analytical Methods and Equipment as defined in UPS in details.
2. What are Refractometry? Discuss about Refractometry in details.
3. Discuss about Analysis of Drugs and Excipients in Solid State. Add a note on particle size analysis and scope of methods.
4. What are basis of spectrophotometry? Discuss about instrumentation of UV-Visible spectrophotometer.

[2]

5. What are Spectrofluorimetry? Discuss the application and quantitative aspects of Spectrofluorimetry.
6. What are Radiochemistry? Discuss about ELISA-technique-theory, Instrumentation and applications in details.
7. Write the short note on (Any two)
 - (A) Nuclear Magnetic resonance spectroscopy
 - (B) Mass spectrometry
 - (C) Pharmacopoeial monograph

P.T.O.

F - 1317