

M. Pharm. Semester - I (Common For All Branches)
35204: MC-103: Quality Control of Pharmaceutical Products – III

P. Pages : 1

Time : Three Hours



AR - 1755

Max. Marks : 70

- Notes :
1. All question carry equal marks.
 2. Answer **any five** question.
 3. Illustrate your answer necessary with the help of neat sketches.
 4. Use of pen Blue/Black, ink/refill only for writing the answer book.

1. Discuss in detail production and process control as per GMP and CGMP. Add a note on GMP of Ayurvedic product. 14
2. Discuss in detail process validation technique in pharmaceutical industry. 14
3. Explain in detail ICH Guidelines for stabilities studies. Add a note on Schedule-Y 14
4. Discuss in detail Quality control of solid and semisolid dosage form. 14
5. Explain in detail Principle, instrumentation and applications of UV spectrometry. 14
6. Enlist various chromatographic techniques. Discuss in detail HP.TLC 14
7. Write note on **any two**. 14
 - a) Handling of hazardous substances.
 - b) XRD.
 - c) Detectors used in HPLC.
 - d) FT – IR
