

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[M.PHARM 0922]

**SEPTEMBER 2022
(APRIL 2022 EXAM SESSION)**

Sub. Code: 2953

**M.PHARMACY DEGREE EXAMINATION
SEMESTER - I (PCI New regulations 2016)
PHARMACEUTICAL ANALYSIS - MPA
PAPER III – PHARMACEUTICAL VALIDATION**

Q.P. Code : 262953

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define validation process and briefly explain about streamlining of qualification and re-qualification.
2. Explain the validation of HVAC system.

II. Write notes on:

(7 x 5 = 35)

1. Explain about Design Qualification.
2. Describe the qualification of HPTLC instrument.
3. Enumerate the perceptions of electronic records.
4. Describe the types of patent application.
5. Illustrate the economic importance of Intellectual property
6. Explain about Factory Acceptance Test.
7. Describe the cleaning of facilities.
