

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

[MPHARM 0122]

**JANUARY 2022
(APRIL 2021 EXAM SESSION)**

Sub. Code: 2933

**M.PHARMACY DEGREE EXAMINATION
SEMESTER-I (PCI New regulations 2016)
PHARMACEUTICS - MPH
PAPER III – MODERN PHARMACEUTICS
*Q.P. Code : 262933***

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the objectives and policies of cGMP. Write the GMP requirements, equipments, and their maintenance for solid dosage form products.
2. Discuss in detail the Physics of Tablet compression. Write a note on effect of particle size and moisture content on the tablet compression.

II. Write notes on:

(7 x 5 = 35)

1. Sales forecasting Technique.
2. Write a note on Excipient interaction.
3. Explain clearly optimization parameters.
4. Pharmacokinetic parameters.
5. How inventory management influence the production control.
6. Give the detail note about scope and merits of validation.
7. Write the importance of preformulation studies.
