

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

[LP 818]

OCTOBER 2019

Sub. Code: 3818

**PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
THIRD YEAR
PAPER VI – PHARMACEUTICAL FORMULATIONS**

Q.P. Code : 383818

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Define tablets and explain the official evaluation tests for tablets.
2. Write a note on Implantable drug delivery system.
3. Classify different types of pharmaceutical dosage forms.
4. Explain about the bases involved in formulation of suppositories and its manufacturing process.

II. Write notes on:

(6 x 5 = 30)

1. Explain the functions of skin.
2. Write a note on direct compression.
3. What are the differences between flocculated and deflocculated suspensions?
4. Describe about plate process in formulation of soft gelatin capsule.
5. Briefly explain ocular drug delivery.
6. What are the methods to improve stability of solutions?
