

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

[PHARMD 0424]

APRIL 2024

Sub. Code: 3818

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

Q.P. Code: 383818

Time: Three hours

Answer ALL Questions

Maximum: 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Define Tablets. Explain the different types of tablets and give examples.
2. Explain the process of formulation and evaluation of buccal drug delivery systems.
3. Describe various Methods of Sterilization for Parenteral products in detail.
4. Define capsule. Explain the Manufacturing of Soft gelatin capsules by Rotary die process.

II. Write notes on:

(6 x 5 = 30)

1. Instability of Emulsion.
2. Define and Concept of Controlled drug delivery systems.
3. Explain the manufacturing Defects of Tablets.
4. Define Suppositories and classify Suppository Bases.
5. Write a note on Enteric Coated tablets.
6. What are Ocuserts? Explain its formulation methodology.
