

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

[PHARMD 1122]

**NOVEMBER 2022
(OCTOBER 2022 EXAM SESSION)**

Sub. Code: 3818

**PHARM. 'D' DEGREE EXAMINATION
THIRD YEAR (2009-2010 Regulation)
PAPER VI – PHARMACEUTICAL FORMULATIONS
*Q.P. Code : 383818***

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. a. Explain briefly on various steps involved in Sugar Coating of Tablets.
b. Write the processing problems and its remedies for tablet coating.
2. Define suspension and give detailed explanations on the formulation and evaluation of suspension.
3. Explain briefly on semisolid bases and their selection criteria during formulation of various types of ointments.
4. a. Classify large and small volume Parenterals with their official tests.
b. Explain briefly on formulation additives used in Parenterals.

II. Write notes on:

(6 x 5 = 30)

1. Classify Pharmaceutical dosage forms with examples.
2. Explain briefly on different types of Emulgents.
3. Explain the manufacturing of soft gelatin capsules by rotary die process.
4. What are the ideal requirements for suppository bases?
5. Factors influencing penetration of drug through skin.
6. Write note on Buccal drug delivery system.
