

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

[PHARMD 0122]

**JANUARY 2022
(OCTOBER 2021 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

Answer ALL Questions

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Define tablets. Explain in detail about different excipients used in tablets.
2. Explain the classification, formulation and evaluation of Suspension.
3. Explain about the preparation and evaluation methods of Transdermal drug delivery system.
4. Describe in detail about evaluation of large volume parenteral products.

II. Write notes on:

(6 x 5 = 30)

1. Define and differentiate drug and dosage form.
2. Describe the formulation of Jellies.
3. Add a note on preservatives used for oral liquid formulations.
4. Write a note of implants.
5. Distinguish between hard and soft Gelatin capsules.
6. Explain the steps involved in sugar coating process.
