

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

[PHARMD 1023]

OCTOBER 2023

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. Explain briefly about production and filing of soft gelatin capsules and its quality control tests.
2. Define suppository and classify Suppository bases and their advantages and disadvantages.
3. Define emulsion and give detailed explanations on the formulation and evaluation of emulsion.
4. a. Define novel drug delivery systems, write their merits and demerits.
b. Explain in detail about Ocular Drug delivery system.

II. Write notes on:

(6 x 5 = 30)

1. Mention the various evaluation tests for tablets and describe on disintegration test procedure.
2. Manufacturing procedure for suppositories by mould technique.
3. Write a note on enteric coated tablets.
4. Write note on containers and labeling instructions for parenterals and ophthalmic products.
5. Write note on types of jellies and their characters.
6. Write note on factors affecting absorption of nasal drug delivery system.
