

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

[PHARMD 1023]

OCTOBER 2023

Sub. Code: 3802

**PHARM. 'D' DEGREE EXAMINATION
FIRST YEAR (2009-2010 Regulation)
PAPER II – PHARMACEUTICS**

Q.P. Code: 383802

Time : Three hours

Answer ALL Questions

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Define and classify monophasic liquid dosage forms.
2. What is therapeutic incompatibility? How do you overcome it?
3. Classify and identification of types of emulsion.
4. Define posology. Write the factors affecting dose selection.

II. Write notes on:

(6 x 5 = 30)

1. Displacement value and its importance.
2. Emulsifying agent.
3. What is the percentage of zinc oxide in an ointment prepared by mixing 200 g of 10% ointment, 50 g of 20% ointment and 100g of 5% ointment?
4. What is effervescent powder and explain this with example.
5. Lotions and liniments.
6. Mouthwash and gargles.
