

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

[PHARMMD 0424]

APRIL 2024

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 Prescription. Discuss various parts and handling of prescription.
2. Define powders. Discuss advantages and disadvantages of powders. Explain the preparation of effervescent granules.
3. Discuss in detail about formulation and evaluation of suspensions.
4. Define Monophasic dosage forms. Explain its classification in detail.

II. Write notes on:

(6 x 5 = 30)

1. Organoleptic additives.
2. Merits and Demerits of powder.
3. Classify and explain various suppositories.
4. Explain synergism and Antagonism with an example.
5. Classify and application of medicated bandages.
6. Define isotonicity. Discuss methods of adjusting tonicity in sterile dosage forms.
