

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

[PHARMD 0122]

**JANUARY 2022
(OCTOBER 2021 EXAM SESSION)**

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 Mixture. Explain the method of preparation of Mixtures containing diffusible and indiffusible solids.
2. Define Posology. Write the methods of calculation of children and infant doses.
3. Define biphasic liquid dosage forms. Write in detail about the formulation of suspensions.
4. Define incompatibility. Discuss the various types of incompatibilities with example.

II. Write notes on:

(6 x 5 = 30)

1. Surgical Sutures.
2. Emulsifying agents.
3. Classify suppository bases.
4. Organoleptic additives.
5. Method of preparation of tinctures from organized and unorganized drugs.
6. Classify Powders.
