

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

**[PHARMD 0423]**

**APRIL 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 prescription. Write in detail about the various parts and handling of prescriptions.
2. Classify powders. Give example for each type of powder. Mention the advantages and disadvantages of powders.
3. Explain in detail about suppository bases with examples.
4. Define posology. Write the methods of calculation of children and infant doses.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Classify and identification of types of emulsion.
2. Surgical dressings.
3. Organoleptic additives.
4. Sutures and ligatures.
5. Lotions and liniments.
6. Write the various adjuvants used in the formulation of oral liquid dosage forms.

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