

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

**[BPHARM 0921]**

**SEPTEMBER 2021  
(FEBRUARY 2021 EXAM SESSION)**

**Sub. Code: 4263**

**B. PHARMACY DEGREE EXAMINATION  
THIRD YEAR – (NON-SEMESTER)  
PAPER III – PHARMACEUTICAL DOSAGE FORMS AND COSMETIC  
TECHNOLOGY  
*Q.P. Code: 564263***

**Time: Three hours**

**Answer ALL questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain the role of various additives used in the formulation of Liquid dosage forms with Suitable examples.
2. Discuss in detail the formulation and Evaluation of Parenteral products.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Whole Human Blood.
2. Good Manufacturing Practice. [GMP]
3. Lipsticks.
4. Types of suppository bases with examples.
5. Tooth powder.
6. Glass as a Packaging material.
7. Eye ointment.
8. Jellies.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Displacement Value.
2. Laminar Air Flow.
3. Creams.
4. Functions of Skin.
5. Dextran.
6. Leaching.
7. Pessaries.
8. Types of Plastics.
9. Pyrogen.
10. Anticoagulant.

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