

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

[BPHARM 0522]

**MAY 2022
(FEBRUARY 2022 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. Define Pharmaceutical Aerosols. Discuss the formulation, propellant used, packing and applications of Aerosols.
2. Discuss in detail the formulation and Evaluation of Parenteral products.

II. Write notes on:

(8 x 5 = 40)

1. Additives used in liquid dosage forms.
2. Good Manufacturing Practice.
3. Mechanism of drug penetration through skin.
4. Types of plastics used in pharmaceutical products.
5. Compact powders.
6. Plasma substitutes.
7. Types of suppository base with examples.
8. Eye ointment.

III. Short answers on:

(10 x 2 = 20)

1. Alu- Alu packing.
2. TQM.
3. Fill Volume.
4. Define Clear gels.
5. Plasma expanders..
6. HVAC system.
7. Sterile powders.
8. Rouges.
9. Emulsifiers.
10. Evaluation of semisolids.
