

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

[BPHARM 0522]

**MAY 2022
(SEPTEMBER 2021 EXAM SESSION)**

Sub. Code: 2005

**B.PHARM. DEGREE EXAMINATION
PCI Regulation 2017 – SEMESTER I
PAPER III – PHARMACEUTICS - I
Q.P. Code: 562005**

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions.

(2 x 10 = 20)

1. Define Prescription. Write a brief note on parts of the prescription and handling of prescription.
2. What are Powders? Classify the powders with examples. Add a note on efflorescent powder.
3. Define suppositories. Write about the suppository bases.

II. Write notes on: Answer any SEVEN questions.

(7 x 5 = 35)

1. Differences between Lotions and Liniments
2. Write the formulas involved in the calculation of child dose.
3. Give a brief note on Indian pharmacopoeia.
4. Explain the methods to improve solubility of drugs.
5. Write a brief note on various methods to prepare emulsion
6. Give a brief note on Therapeutic Incompatibility
7. What are the Excipients used in semisolid dosage forms?
8. Classify the dosage forms with examples.
9. What are the various factors affecting Posology?

III. Short answers on: Answer ALL questions.

(10 x 2 = 20)

1. Define Proof spirit.
2. What is stokes law?
3. Write about Pessaries.
4. What are Geometric dilutions?
5. Define Throat paints.
6. What is displacement value?
7. What are Gels?
8. What is the role of emulsifying agent in emulsion formation?
9. What is meant by degree of flocculation
10. What are elixirs?
