

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

[MPHARM 0921]

**SEPTEMBER 2021
(OCTOBER 2020 EXAM SESSION)**

Sub. Code: 2935

**M.PHARMACY DEGREE EXAMINATION
SEMESTER-II (PCI New regulations 2016)
PHARMACEUTICS - MPH**

**PAPER I – MOLECULAR PHARMACEUTICS (NANO TECH AND TARGETED DDS)
*Q.P. Code : 262935***

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Give an account of targeting methods and discuss the various types targeting process with suitable examples.
2. Discuss the types, preparation and evaluation of Intra Nasal Route delivery systems.

II. Write notes on:

(7 x 5 = 35)

1. Electrosomes.
2. Propellents used for Aerosols.
3. Significance of gene therapy.
4. Monoclonal antibodies.
5. Antisense molecules.
6. Liposomes.
7. Gene Expression systems.
