

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

[LP 968]

NOVEMBER 2019

Sub. Code: 2968

M.PHARM. DEGREE EXAMINATION

(PCI New regulations 2016)

SEMESTER-II

BRANCH-IV – PHARMACEUTICAL BIOTECHNOLOGY – MPB

PAPER IV – BIOLOGICAL EVALUATION OF DRUG THERAPY

Q.P. Code : 262968

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about Regulatory aspects of drugs, biologicals and medical devices.
2. Microbiological assay of Antibiotics and Vitamins.

II. Write notes on:

(7 x 5 = 35)

1. Special toxicity studies.
2. Describe various guidelines of toxicity studies.
3. Neurologic disorders.
4. Interferons.
5. Official pyrogen tests.
6. Novel drug delivery system of biopharmaceuticals.
7. Growth factors.
