

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

[LP 958]

NOVEMBER 2019

Sub. Code: 2958

M.PHARM. DEGREE EXAMINATION
(PCI New regulations 2016)
SEMESTER-II
BRANCH-III – PHARMACEUTICAL ANALYSIS – MPA
PAPER IV – HERBAL AND COSMETIC ANALYSIS

Q.P. Code : 262958

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Explain WHO guidelines on safety monitoring of herbal medicine.
b) Discuss on pesticide residues in herbal formulation.
2. Explain on various DNA finger printing techniques in identification of drugs of natural origin.

II. Write notes on:

(7 x 5 = 35)

1. Explain herb-drug and drug-food interaction with suitable example.
2. List out the method of test for hair oils and explain on the determination of acid value as per BIS.
3. What are the functional requirements of baby care products? Add a note on determination of fineness in baby powder.
4. How can you determine the iodine and saponification values for cosmetic products?
5. Briefly explain global marketing management.
6. Write a note on adulterant screening using modern analytical instruments.
7. Give an account on efficacy of herbal medicine products.
