

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

[LQ 0121]

JANUARY 2021

Sub. Code: 2958

(APRIL 2020 EXAM SESSION)

M.PHARMACY DEGREE EXAMINATION

SEMESTER-II (PCI New regulations 2016)

PHARMACEUTICAL ANALYSIS – MPA

PAPER IV – HERBAL AND COSMETIC ANALYSIS

Q.P. Code : 262958

Time : Three hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Write the principle and procedures involved in the determination of Ester value and Fineness of powder while evaluation of cosmetic products.
b) Describe about the Indian Standard Specifications for sampling and testing Skin care products.
2. Describe in detail about the Adulteration Screening techniques and Effect of Herbal Medicine on Clinical laboratory testing.

II. Write notes on:

(7 x 5 = 35)

1. Write the protocol for Indian and International patent law as applicable to Natural products.
2. How do you tests phototoxin and microbial contamination in Herbal formulations?
3. Illustrate the Monographs available for herbal drugs and their comparative studies.
4. Describe about the Validation of Herbal Medicinal products.
5. Explain in detail about the Pharmacokinetic issues of Herbal drugs.
6. Write the challenges in monitoring the safety of Herbal medicines.
7. Explain about the spontaneous reporting schemes for bio-drug adverse reactions.
