

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

[MPHARM 0122]

**JANUARY 2022
(APRIL 2021 EXAM SESSION)**

Sub. Code: 2958

**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) Explain testing and adulterants screening of herbal drugs using modern analytical instruments.
b) Discuss on stability testing of natural products.
2. Write BIS procedures sampling and testing of skin care and baby care products.

II. Write notes on:

(7 x 5 = 35)

1. DNA finger printing of natural origin drugs.
2. Herbal monographs of IP and USP.
3. Challenges and safety monitoring of Herbal drugs.
4. How does pharmacodynamics of herbal drugs affect efficacy?
5. Role of AYUSH in Herbal drug screening
6. Determination of Phototoxin and pesticide residue in herbal drugs.
7. Give an account on reporting of safety for herbal drug adverse reactions.
