

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

[BPHARM0422]

**APRIL 2022
(SEPTEMBER 2021 SESSION)**

Sub. Code: 2082

**B.PHARMACY DEGREE COURSE (SEMESTER EXAMINATIONS)
PCI Regulation 2017 SEMESTER VIII
PAPER VI QUALITY CONTROL AND STANDARDIZATION OF HERBALS
Q.P. Code: 562082**

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 X 10 = 20)

1. Describe the guidelines on GACP for medicinal plants.
2. Explain the quality control of herbal drugs as per WHO guidelines.
3. Enumerate the regulatory requirement of herbal drugs.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Explain the various herbal pharmacopoeias.
2. Write the GMP requirement for herbal medicine.
3. Explain the preparation of document for new drug application.
4. Discuss the protocol for clinical guidelines in herbal medicine.
5. Enumerate various aspects of GLP.
6. Write the applications of chromatography technique its standardization of herbal drugs.
7. Write briefly about stability studies of herbal medicinal products.
8. Describe the basic test for medicinal plant materials.
9. Write a note on research guidelines for evaluating safety and efficacy of herbal medicine.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Natural pesticide.
2. Difference between TLC & HPTLC.
3. Types of markers with examples.
4. Extractive value and its significance.
5. Define SOP.
6. What is AYUSH?
7. Examples of herbal drug interaction.
8. Significance of ICH.
9. Define term herbal medicine & crude drug.
10. Quantitative microscopy.
