

QP Code: 826006

Reg. No.....

**Eighth Semester B. Pharm Degree Regular/Supplementary
Examinations March 2026
Quality Control and Standardization of Herbals
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays

(2x10=20)

1. Explain the various steps involved in preparation of documents for new drug application with its significance.
2. Elaborate on microscopical and physical evaluation of crude drugs with examples.

Short Notes

(7x5=35)

3. Identification of alkaloids in extracts.
4. EU guidelines for quality control of herbal drugs.
5. Outline acute toxicity test for evaluating the safety and efficacy of herbal medicines.
6. Explain any two biological markers with their significance in standardization of herbal materials.
7. Outline the determination of pesticidal residue in herbal drugs.
8. Summarize the GAP guidelines.
9. How does pharmacovigilance work in safety monitoring of herbal medicines.

Answer Briefly

(10x2=20)

10. What is swelling index.
11. Distinguish between diacytic and paracytic stomata.
12. Recall the formula to calculate moisture content by azeotropic distillation.
13. Name the medias used for detection for E-Coli and staphylococcus.
14. Significance of GLP in traditional system of medicine.
15. Parameters for stability testing of herbal medicines.
16. Methods of plate preparation for thin layer chromatography.
17. Define the terms herbal tea and characterizing compound.
18. Recall the objectives of basic tests intended by WHO for pharmaceutical drugs.
19. Significance of morphological evaluation of crude drugs.
