

QP Code: 826006

Reg. No.....

**Eighth Semester B. Pharm Degree Regular/Supplementary
Examinations March 2025
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. Elaborate on morphological and microscopical evaluation of crude drugs with examples.
2. Explain the WHO guidelines on GACP for medicinal plants.

Short Notes

(7x5=35)

3. Identification of tannins in extracts.
4. Elaborate on determination of foaming index.
5. Role of GLP in traditional systems of medicine.
6. Guidelines for evaluating safety and efficacy of herbal medicines.
7. Role of chemical markers in standardization of herbal drugs.
8. Explain stability testing of herbal medicines.
9. Elaborate on determination of ash value.

Answer Briefly

(10x2=20)

10. Define quality assurance.
11. Distinguish paracytic and diacytic stomata.
12. Methods to determine moisture content.
13. Name the medias used for detection for E-Coli and pseudomonas.
14. Define pharmacovigilance.
15. Applications of gas chromatography.
16. Principle of thin layer chromatography.
17. Define the term herbal tea.
18. Enlist any four significant ICH guidelines for quality control of herbal drugs.
19. Two methods for biological evaluation of crude drugs.
