

QP Code: 826006

Reg. No.....

**Eighth Semester B. Pharm Degree Regular/Supplementary
Examinations July 2024
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. Discuss the ICH guidelines for quality control of herbal drugs.
2. Discuss the methods of stability testing for herbal drugs in detail.

Short Notes

(7x5=35)

3. Detection of alkaloids in medicinal plants.
4. Explain the best practices in the collection of herbal drugs as per GACP with suitable examples.
5. Significance of various physical constants in quality control of herbal drugs.
6. Discuss the guidelines for assessing the safety and efficacy of herbal drugs.
7. Explain the various development techniques in TLC.
8. Discuss the role of markers in the standardization of herbal drugs.
9. Describe the procedure to determine the pesticide residue in herbal drugs.

Answer Briefly

(10x2=20)

10. What are tannins.
11. Define stomatal index.
12. Objectives of GMP.
13. Chemical tests for phytosterols.
14. Define herbal medicine.
15. Define pharmacovigilance.
16. Application of GC.
17. Significance of qualitative microscopy.
18. Detection of flavonoids.
19. Acid insoluble ash.
