

QP Code: 826006

Reg. No.....

**Eighth Semester B. Pharm Degree Regular/Supplementary
Examinations July 2023
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 quality assurance in herbal drug industry of GMP in traditional system of medicine.
2. Discuss the EU guidelines for quality control of herbal drugs.

Short Notes

(7x5=35)

3. Write a note on GLP.
4. Discuss the applications of chromatography in the standardization of herbal products.
5. Ash value and its significance.
6. What is the importance of physical constants in the evaluation of herbal drugs.
7. Explain the role of biological markers in the standardization of herbal drugs.
8. elaborate stability testing of herbal medicines.
9. Describe the procedure to determine the swelling index of herbal drug.

Answer Briefly

(10x2=20)

10. What are standardized extracts.
11. Define stomatal number.
12. list out few significant WHO guidelines for safety monitoring of herbal medicines.
13. Chemical tests for alkaloids.
14. Give two examples of saponin drugs.
15. What is Rf value.
16. Importance of foaming index.
17. Morphological evaluation of crude drug.
18. Define GACP.
19. Name any four adsorbents used in TLC.
