

QP Code: 826006

Reg. No.....

**Eighth Semester B. Pharm Degree Supplementary Examinations
November 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. Write a detailed note about the detection of pesticide residues, toxic metals, aflatoxins, and microbes in herbal medicines
2. Explain the importance of chromatographic techniques in standardization of herbal products

Short Notes

(7x5=35)

3. Qualitative evaluation of carbohydrates
4. Explain the procedure involved in the determination of volatile oil content
5. Discuss the objectives and policies of cGMP
6. Stability testing protocols for herbal extracts
7. Describe the basic requirements for export registration
8. What is pharmacovigilance and how does it work
9. Describe the role of biomarkers in herbal product standardization

Answer Briefly

(10x2=20)

10. Test for glycosides
11. Define the term Biological activity and Therapeutic activity
12. Herbal medicines' role in human health
13. Physical evaluation of commercially available crude drugs
14. Detection procedure in HPTLC
15. Mobile phase in gas chromatography
16. How does GAP improve the quality of herbal medicines
17. Drug extract ratio
18. In respect to ICH guidelines, explain the following term QSEM
19. Assessment of case reports in pharmacovigilance
