

Rajiv Gandhi University of Health Sciences, Karnataka
VIII Semester B. Pharm Degree Examination – 14-Jun-2024

Time: Three Hours

Max. Marks: 75

QUALITY CONTROL AND STANDARDIZATION OF HERBALS
Q.P. CODE: 5038

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary
All the Questions are compulsory

LONG ESSAYS

2 x 10 = 20 Marks

1. Write in detail the botanical and physical methods for quality control of herbal products as per WHO

OR

Elaborate on factors affecting cultivation and collection of medicinal plants as per GACP

2. Explain the applications of TLC, HPTLC and HPLC in herbal product standardization with suitable examples

SHORT ESSAYS

7 x 5 = 35 Marks

3. Describe the marker based standardization of plant products

OR

What is herbal monograph? Describe the various parameters in an herbal monograph

4. Add a note on the acute and chronic toxicities studies

OR

Write a note on EU regulatory requirements for herbal medicines

5. Discuss the premise requirements as per GMP
6. Give a clinical trial protocol for safety evaluation
7. Explain the factors affecting stability of herbal drugs
8. Describe the predictable changes in the herbal medicinal products on storage
9. Explain the determination of pesticide residue in herbal drugs

SHORT ANSWERS

10 x 2 = 20 Marks

10. What is accelerated stability study?
11. Define shelf life and give its significance
12. Explain complaint and recall as per GMP
13. What is Bitter value?
14. Define HMPC and EMA
15. Significance of chromatographic fingerprinting
16. What guidelines are given for testing the efficacy of herbal preparation?
17. Define pharmacovigilance and give its importance
18. Enlist the toxic effects of pesticide residues
19. What are processed and finished herb as per WHO?
