

Rajiv Gandhi University of Health Sciences, Karnataka

VIII Semester B. Pharm Degree Examination – 15-Nov-2023

Time: Three Hours

Max. Marks: 75 Marks

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. List out the WHO guidelines for the assessment of herbal drugs. Explain the determination of heavy metals in herbal drugs.

OR

Explain the importance of HPLC & **HPTLC** in standardization of herbal products.

2. Explain the infrastructural requirements under GMP for herbal industry.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Write a note on stability testing protocol of herbal products.

OR

Explain the role of markers in standardization of herbal products.

4. Explain the research Guidelines for evaluating the safety of herbal medicines.

OR

Write a note on regulatory requirements for herbal medicines in India.

5. Explain the method to determine the aflatoxin content in the herbal drugs.
6. Write a note on any two methods for determination of moisture content in herbal drugs.
7. What are the ethical considerations in the research of herbal medicine?
8. Write a note on good practices for storage of herbal medicinal products.
9. Write a note on GLP in traditional system of medicine.

SHORT ANSWERS

10 x 2 = 20 Marks

10. Give the importance of heavy metal determination in herbal drugs.
11. Give the protocol for evaluation of drug safety in animals.
12. Write a note on personal hygiene as per GMP.
13. Define Pesticide residue.
14. Give the components of HPLC.
15. Importance of Extractive value.
16. Scope of Herbal Drug Industries.
17. Give the significance of ICH guidelines.
18. EU guidelines for quality control of herbal drugs.
19. Define astringency content.
