

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 30-May-2024

Time: Three Hours**Max. Marks: 70 Marks****PHARMACEUTICS (RS4)****Q.P. CODE: 2626**

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)**2 x 10 = 20 Marks**

1. Define Prescription. Describe the importance of each part of a prescription with an ideal example.
2. Explain instability in emulsion. Discuss the causes and precautions to avoid instability in emulsion.
3. Define Extraction. With a neat labelled diagram, explain the simple percolation process for extraction of drugs.

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. Differentiate between diffusible and indiffusible solids.
5. What are the differences between mouthwash and throat paint?
6. With suitable examples, explain the formulation of toothpowder.
7. Define and classify various surgical sutures and ligatures.
8. Define incompatibility. Explain how to overcome physical incompatibility with examples.
9. Explain the preparation of dusting powder.
10. Differentiate flocculated from deflocculated suspension.
11. Classify Stabilizers with example. Write their merits and demerits.

SHORT ANSWERS**10 x 2 = 20 Marks**

12. Write the preparation of 600 ml of 60% alcohol from 90% alcohol.
13. Write any four salient features of first edition of Indian Pharmacopoeia.
14. Discuss therapeutic incompatibility.
15. Define displacement value with suitable example.
16. Differentiate o/w emulsion from w/o emulsion.
17. What is Herapathetic reaction?
18. Write the formula for Mandel's Paint.
19. Explain the different methods of sterilization of surgical catgut.
20. Give the Auxiliary label for gargle and liniments.
21. What are Paratonic solutions give examples.
