

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 04-Nov-2023

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. Name the various theories of emulsification and explain any two of them.
2. Define prescription. Discuss the parts of prescription. Write about the source of errors in prescription.
3. Define and classify incompatibility. Explain the therapeutic incompatibility with examples.

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

4. Explain the preparation of surgical catgut.
5. Describe the simple percolation process with a neat diagram.
6. Explain the various evaluation tests for ointment.
7. Define preservatives. Classify them with examples.
8. What are Insufflators? Write a note on effervescent granules.
9. What are bandages? Explain crepe bandage and calico bandage.
10. Define and classify liquid dosage forms.
11. Define posology. Enumerate four factors affecting selection of dose of a drug.

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

12. Define idiosyncrasy with example.
13. Write any four salient features of first edition of Indian Pharmacopoeia.
14. Define chemical incompatibility with examples.
15. Define displacement value and write its significance.
16. Mention any two advantages and disadvantage of emulsions.
17. Write the method of dispensing of eutectic powder.
18. Write the formula for Mandel's Paint.
19. Explain different methods of sterilization of surgical catgut.
20. Give the Auxiliary label for gargle and liniments.
21. What are Isotonic solutions? Give examples.
