

Rajiv Gandhi University of Health Sciences, Karnataka

I year B. Pharm Degree Examination – 31-May-2023

Time: Three Hours**Max. Marks: 70 Marks****PHARMACEUTICS (RS-3)****Q.P. CODE: 2602**

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 Suspension. What are the requirements of good suspension? Add a note on suspensions containing indiffusible solids.
2. Classify powders with examples. What are the advantages and disadvantages of powders over other dosage forms of medicaments?
3. List-out various monophasic liquid dosage forms with examples. Add a note on mouthwashes.

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

4. Define Incompatibility. Add a note on Physical Incompatibility.
5. How emulsions are classified and tested?
6. What is the significance of displacement value in the preparation of suppositories?
7. What do you understand by the term Pharmacopoeia? Describe USP in detail.
8. Manufacturing of Surgical Catgut
9. How the Paediatric dose is worked out? Give any three formulae for fixing the doses of drugs.
10. Write a note on Dusting powders.
11. Using the method of allegation, calculate the proportion of purified water required to prepare 4500 ml of 50% alcohol from 90% alcohol.

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

12. How suppositories are differing from Pessaries?
13. Ligatures and Sutures
14. What is Extraction? Define Menstrum.
15. Define Enema with example.
16. Define Infusion and Decoction.
17. Enlist various edition of Indian pharmacopoeia.
18. Natural and Acquired tolerance
19. Name various parts of Prescription.
20. Evaporation and drying
21. Give two examples preservative and antioxidant.
