

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – 04-Dec-2020

Time: Three Hours

Max. Marks: 70 Marks

PHARMACEUTICS (RS & RS2)

Q.P. CODE: 2852

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 suspensions. Give their advantages. Differentiate between flocculated and deflocculated suspensions.
2. What are effervescent granules? Explain the preparation of effervescent granules by heat method. Write a note on dusting powders.
3. Explain theoretical aspects for the formulation of monophasic liquid dosage forms. Differentiate liniments and lotions.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Discuss physical incompatibility due to immiscibility and liquefaction and methods to overcome it.
5. Enumerate four reasons for cracking of an emulsion.
6. Define surgical aids. Write a note on absorbable gelatine sponge.
7. Explain continuous hot percolation with a net labeled diagram.
8. Classify suppository bases. Write the advantages of cocoa butter and glycerogelatin bases.
9. Write a note on tooth powder.
10. Explain the different steps in handling of prescription.
11. List out the salient features of seventh edition of Indian Pharmacopoeia.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write a note on collodions.
13. Define tinctures, give example.
14. Give the importance of renewal instructions in a prescription.
15. Differentiate warp and weft.
16. Classify different dosage forms.
17. Define monograph.
18. What is displacement value? Give its importance.
19. Write a formula each based on age and body weight for calculation of child dose.
20. Explain compound powders, give example.
21. Define isotonic solutions.
