

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – Aug 2013

Time: Three Hours

Max. Marks: 70 Marks

PHARMACEUTICS

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. What are effervescent granules? Explain heat method of Preparation of effervescent granules.
2. Define and classify suspensions? Describe various types of suspensions with examples.
3. Discuss various stages involved in manufacturing of surgical catgut.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write a note on stability of emulsion.
5. What are advantages and disadvantages of macrogols as suppository bases?
6. Write the additives used in liquid dosage forms with examples.
7. Explain percolation process in detail.
8. *Explain the dispensing of explosive powders with an example.*
9. Discuss the sterilization methods for surgical catgut.
10. Write the principle involved in the preparation of cresol with soap solution IP.
11. What are throat paints? How do they differ from mouthwashes with example of each?

SHORT ANSWERS

10 x 2 = 20 Marks

12. Differentiate between simple powder and a compound powder.
13. What is displacement value? Explain its importance in the formulation of suppositories.
14. Define infusion and decoction.
15. Mention the solvents used in the extraction.
16. What is the difference between lotions and liniment?
17. Give two examples of preservative and anti oxidants.
18. Calculate the dose for a child whose body weight is 14 kg if the adult dose is 500mg.
19. Define gargle and linctus.
20. Give four examples of monophasic dosage forms for external use.
21. In what ratio should 90% alcohol and 60% alcohol be mixed to give 70% alcohol.
