

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – DEC-2014

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. Explain the theoretical aspects for formulation of monophasic dosage forms. Differentiate between liniments and lotions with examples.
2. Define percolation. Explain continuous hot percolation with a neat labeled diagram.
3. Define and classify suppositories. Explain different methods used in the preparation of suppositories.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write the method of preparation of suspensions containing indiffusible solids.
5. Explain Chemical Incompatibility of Quinine sulphate with Iodides.
6. Discuss the methods of sterilization of catgut.
7. With suitable example explain the formulation of tooth powder.
8. Explain the different tests for identification of type of emulsions.
9. Explain the steps involved in handling of prescription.
10. Write a note on Proof Spirit and Isotonic solutions.
11. Enumerate the salient features of Indian Pharmacopoeia 1955.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define infusions and decoctions.
13. Define enemas and douches.
14. Write the Clark's formula for calculation of child dose.
15. Define marc and menstrum.
16. Write the importance of double maceration.
17. Define dusting powders.
18. Define pharmaceutical incompatibility.
19. Define Prescription.
20. Define posology. Name any four factors which affect dose selection.
21. Define unit and bulk dosage form.
