

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – June 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. Draw a neat labeled diagram of a prescription and explain the role of a pharmacist in filling a prescription order.
2. Discuss the formulation considerations in development of monophasic liquid dosage forms.
3. Define emulsion. What are the factors affecting the formulation of an emulsion? Explain the methods of evaluation for emulsion.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write a note on preparation of cresol with soap solution I.P.
5. What are surgical dressings? Give its applications in pharmacy.
6. Discuss the principle involved in formulation of tooth powder. Give suitable example.
7. Describe the methods to overcome Physical Incompatibility with examples.
8. Differentiate flocculated and deflocculated suspension.
9. Write short notes on absorbable gelatin sponge.
10. Explain the principle involved in preparation of magnesium hydroxide mixture.
11. Discuss the methods of evaluation for suspension.

SHORT ANSWERS

10 x 2 = 20 Marks

12. What is paratonic solution?
13. Phase inversion.
14. Name four solvents used in extraction process.
15. What are explosive powders?
16. Classify monophasic liquid dosage forms.
17. Advantages of liniment.
18. Mouth washes.
19. What is infusion?
20. Calculate the dose for a child whose body weight is 15kg if the adult dose is 300mg.
21. Ear drops.
