

Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination – JAN-2015

Time: Three Hours

Max. Marks: 70 Marks

PHARMACEUTICAL FORMULATIONS

Q.P. CODE: 2866

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS

2 x 10 = 20 Marks

1. Discuss the formulatory requirements for suspensions.
2. Describe the various granulation methods in detail.
3. Explain formulation and manufacturing process of parenterals.

SHORT ESSAYS

6 x 5 = 30 Marks

4. Classify dosage forms with suitable examples.
5. Explain defects of uncoated tablets.
6. Explain the methods for filling of liquid orals.
7. Write on ointment bases in detail.
8. How is leak test and pyrogen test done?
9. Explain the preparation of gelatin capsule shells.
10. Write a note on jellies.
11. Write on formulation requirements of transdermal drug delivery system.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write a test to identify emulsions.
13. Enlist the advantages of suppositories.
14. What is the importance of binders in granulation of tablets?
15. What are small volume parenterals?
16. Give the importance of preservatives in formulations.
17. Give two examples each for flavouring and colouring agents.
18. Give the labeling criteria for ophthalmic preparation.
19. Explain the friability test give its importance.
20. List the advantages of controlled drug delivery system.
21. Explain one evaluation test for ointments.
