

Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination – May 2016

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. Explain in detail sugar coating of tablets including the advantages, disadvantages, composition of coating material used in the process and equipment employed.
2. What are parenteral products? Explain in detail formulation of parenteral product.
3. Discuss the general formulation and filling of liquid orals.

SHORT ESSAYS

6 x 5 = 30 Marks

4. Explain wet granulation process with its merits and demerits.
5. Discuss pyrogen test for parenteral products.
6. Discuss on the evaluation tests for suspensions.
7. Explain the process of manufacturing of hard gelatin shells.
8. What are gels? Describe the formulation of gel.
9. Write a note on official tests for tablets.
10. Write the evaluation tests of suppositories.
11. What are novel drug delivery systems? Write their advantages and disadvantages.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Name two examples for plasticizers and antioxidants
13. What are class 100 areas in parenteral manufacturing unit?
14. Bloom strength and its importance
15. Advantages of liquid orals
16. Significance of displacement value in suppository formulation
17. What are Implants?
18. Define Capping and lamination
19. Classify the different types of jellies.
20. What is CAP and Shellac? Write their uses.
21. Methods of adjusting isotonicity
