

Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharma-D Degree Examination - June/July 2014

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. Define and classify tablets. Name the different excipients used in the formulation of tablets with examples
2. Explain in detail the formulation and filling of hard gelatin capsules
3. Explain the quality control tests for parenteral products

SHORT ESSAYS

6 x 5 = 30 Marks

4. Explain the process of sugar coating
5. Explain the weight variation test for capsules
6. Describe the different methods and techniques of filling liquid orals
7. What are jellies? Discuss the formulation of jellies
8. How is the test for sterility performed for injections
9. Explain the concept of occusert
10. Classify the different types of solid dosage forms
11. Define emulsion. Describe the instability problems associated with emulsion

SHORT ANSWERS

10 x 2 = 20 Marks

12. Finishing of hard gelatin capsules
13. Advantages of liquid orals
14. Name the different types of suppositories
15. Explain how ampoules are sealed
16. Name different buccal drug delivery systems
17. Mottling of tablets
18. Enteric polymers
19. Differentiate between gels and ointments
20. Advantages of transdermal drug delivery systems
21. Define displacement value
