

Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharma-D Degree Examination - Feb / Mar 2012

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 the manufacturing defects of tablets and their remedies
2. Explain the detail the different transdermal drug delivery systems
3. Classify parenteral formulations. Explain about formulations of dry powders and parenteral emulsions

SHORT ESSAYS

6 x 5 = 30 Marks

4. Define friability of tablets? How do you carry out the test
5. Write about methods used for finishing and sealing hard gelatin capsules
6. Explain the formulation of suspension
7. Explain the different factors affecting ointment absorption across the skin
8. Explain about types of glass used in parenteral packing
9. Explain the approaches used to design sustained release parenteral products
10. Classify the different types of dosage forms
11. Write a note on implants

SHORT ANSWERS

10 x 2 = 20 Marks

12. Chewable tablets
13. Differentiate between hard and soft gelatin capsules
14. Name the methods used for evaluation of suspension
15. Differentiate gels and jellies
16. Name the requirements for parenteral products
17. Name the types of water used in preparation of parenterals
18. Define syrup and emulsion
19. Advantages and disadvantages of direct compression
20. Give examples of bioadhesive polymers
21. Preservatives in parenterals
