

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.Pharm Degree Examination - Sep 2012

Time: Three Hours

Max. Marks: 70 Marks

PHARMACEUTICAL TECHNOLOGY AND BIOPHARMACEUTICS (Revised Scheme – 3)

Q.P. CODE: 2616

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. Explain in detail Quality Control tests for Aerosols
2. Explain the production of Soft Gelatin Capsules with the help of a neat diagram. Write a note on in – process quality control tests for soft gelatin capsules
3. Explain in detail Film Coating of tablets giving details of the equipment used

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write a note on Quality control test for parenterals
5. Write a note on radio pharmaceuticals in therapy
6. Write a note on glass as a container for parenterals
7. Write a note on ophthalmic ointments
8. Write a note on manufacturing and packaging of liquid orals
9. Explain the formulation and preparation of nail lacquers
10. Explain the formulation and preparation of cold cream and vanishing cream
11. Explain the formulation of parenteral suspensions

SHORT ANSWERS

10 x 2 = 20 Marks

12. List out tablet defects
13. Rubber closure for parenterals
14. Jellies
15. Lipsticks
16. Disintegration test for tablets
17. Blood level curve of SRDF
18. Types of ointment bases
19. Facilitated transport
20. Bioequivalence
21. List out physicochemical factors affecting absorption
