

Rajiv Gandhi University of Health Sciences, Karnataka

III Year Pharm-D Degree Examination - 01-Dec-2022

Time: Three Hours

Max. Marks: 70 Marks

PHARMACEUTICAL FORMULATIONS (RS & RS2)

Q.P. CODE: 2866

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. Define Parenterals. Explain the formulation of parenterals with examples.
2. Give a detailed account of different excipients and their functions used in tablet manufacture.
3. Describe in detail the Transdermal drug delivery systems.

SHORT ESSAYS (answer any six)

6 x 5 = 30 Marks

4. Describe quality control tests for tablets.
5. Write about manufacturing of soft gelatine capsules.
6. Describe quality control tests for parenterals.
7. Explain the requirements for ophthalmic preparations.
8. Write on formulation of oral liquid dosage forms.
9. Concepts of novel drug delivery systems.
10. Explain the sterilization methods for parenterals.
11. Explain briefly film coating of tablets.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write types of ointment bases with examples.
13. List the manufacturing defects of tablets.
14. Write the advantages and disadvantages of pull sealing methods.
15. Write two formulas for eye drops.
16. Write the advantages of constant level filling mechanism.
17. What is osmotic pump?
18. Give the different sizes of hard gelatin capsule.
19. What are tablet troches and lozenges?
20. Define class 100 area.
21. What is co-solvency? Give four examples of co-solvents.
