

Rajiv Gandhi University of Health Sciences, Karnataka
I Year Pharm-D Examination – 30-May-2024

Time: Three Hours

Max. Marks: 70 Marks

PHARMACEUTICS (RS & RS2)

Q.P. CODE: 2852

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 dosage forms. Classify and explain various dosage forms.
2. Define and classify emulsion. Explain the various identification test of emulsion.
3. Define extraction. Explain the Soxhlet extraction process with the help of a neat labelled diagram. Write its advantages and disadvantages.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain the development of pharmacy profession in brief.
5. Explain the preparation of effervescent granules with an example by heat method.
6. Explain the different excipients used in the preparation of monophasic liquid dosage forms with examples.
7. Explain the various types of suppository bases with examples.
8. Write the different formulas to calculate the child dose.
9. How do you prepare 500ml of 50% alcohol using 90%, 70%, 40% and 20% alcohol?
10. Describe the steps involved in the manufacture of surgical catgut.
11. Explain therapeutic incompatibility with suitable examples.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Mention all the editions of Indian Pharmacopoeia chronologically.
13. Define insufflations with example.
14. Write any two differences between Syrups and Elixirs.
15. Define Collodion, give example.
16. Write any two advantages and disadvantages of suspensions.
17. Define displacement value. Give examples.
18. Define the term infusion and decoction.
19. List out the different evaluation test for suppositories.
20. Calculate the actual strength of 25° O.P.
21. Define physical incompatibility, give example.
