

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – 04-Nov-2023

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 prescription. With the help of an ideal example describe the importance of all the parts of a prescription.
2. Define suppositories. Describe the various methods used for the preparation of suppositories.
3. With a neat labeled diagram explain Soxhlet extraction process.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Differentiate flocculated and deflocculated suspension.
5. Write the various identification tests for emulsion type.
6. Explain the simple and compound powders with examples.
7. Explain the theoretical aspects of formulation including adjuvant like stabilizers, colorants, flavours with examples in monophasic liquid dosage forms.
8. Define surgical dressings. Explain the classification of surgical dressings.
9. Define incompatibility. Explain the therapeutic incompatibility with examples.
10. Explain the importance of dosage form.
11. Explain the preparation of explosive powders.

SHORT ANSWERS

10 x 2 = 20 Marks

12. What is Young's rule?
13. Define De Materia medica.
14. Enlist various Pharmacopoeias.
15. How do you prepare 1 litre of 5% w/v dextrose solution from 50% w/v dextrose solution?
16. Write the dispensing of eutectic powder.
17. Define gargle with examples.
18. Define nasal drops with examples.
19. Enumerate different types of emulsions.
20. If the dose of a drug is 200 mg, how many doses are contained in 10 g?
21. How to overcome incompatibility causing evolution of CO₂ gas?
