

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – 17-Nov-2022

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 suppositories. Explain various types of suppository bases.
3. Define extraction. With a neat labelled diagram explain the simple percolation process for extraction of drugs.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain the various methods of preparation of emulsion.
5. Explain the preparation of suspension containing indiffusible solids.
6. Define and classify powders with their advantages and disadvantages.
7. Define and classify monophasic liquid dosage forms.
8. Define and classify various surgical sutures and ligatures.
9. Define incompatibility. Classify and define each type with an example.
10. Define prescription. Explain the parts of prescription.
11. Explain the preparation of effervescent granules.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define posology.
13. What is meant by papyrus ebers?
14. What is Pharmacopoeia? Mention all the editions of Indian Pharmacopoeia.
15. How much of potassium permanganate would be required to prepare 50 ml of potassium permanganate solution of 2.8% w/v strength?
16. Define dusting powder with example.
17. Define stabilizers with examples.
18. Define colorants and flavours with examples.
19. Enumerate the different types of suspensions.
20. If an IV is run at 125ml/hr, how long will 1 L last?
21. What is herapathite reaction?
