

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – 29-Apr-2025

Time: Three Hours

Max. Marks: 70

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 and classify emulsions. Write four tests for identification of type of emulsion
2. Explain the term galenicals. Discuss with labelled diagram simple percolation process
3. Define Posology. Discuss the factors that affect selection of dose of a drug

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain the development of profession of pharmacy in India
5. Explain the different steps in handling of prescription
6. Differentiate flocculated and de-flocculated suspensions, give example for each
7. Explain chemical incompatibility of soluble iodides with quinine sulphate
8. What are dentifrices? Explain with a suitable example
9. Discuss the following monophasic dosage forms
 - a) Enemas
 - b) Collodions
10. Explain in detail on absorbable gelatin sponge
11. Define and classify suppositories. Write four ideal characteristics of a suppository base

SHORT ANSWERS

10 x 2 = 20 Marks

12. Give two differences between ear drops and nasal drops
13. What are indiffusible solids give two examples?
14. Enlist the various editions of Indian Pharmacopoeia
15. What are effervescent granules? Give example
16. Differentiate between warp and weft
17. Explain therapeutic incompatibility due to wrong dosage form
18. Compare suture and ligature
19. What do you understand by enlarging and reducing of a prescription?
20. Write the formula and use of allegation method
21. Explain geometric method of mixing of powder
