

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester B.Pharm Degree Examination – 17/Oct/2025

Time: Three Hours

Max. Marks: 75

PHARMACEUTICS – I
Q.P. CODE: 5003

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

All the questions are compulsory

LONG ESSAYS

2 x 10 = 20 Marks

1. Define Posology. Enumerate different factors affecting the selection of the dose of a drug
OR
Define and classify emulsion. Write the various identification tests for emulsion type
2. Define incompatibility. Explain the physical incompatibility with examples

SHORT ESSAYS

7 x 5 = 35 Marks

3. Significance of the profession of pharmacy in relation to education and industry
OR
Write the dispensing of hygroscopic and deliquescent powders
4. Write about the organoleptic additives used in monophasic liquid dosage forms with examples
OR
Differentiate flocculated and deflocculated suspension
5. Differentiate between elixirs and syrups
6. Evaluation of suppositories
7. Explain any two methods for enhancement of solubility
8. Write a note on Pastes
9. Therapeutic incompatibility

SHORT ANSWERS

10 x 2 = 20 Marks

10. Write any four errors in prescription
11. What are liniments? Give examples
12. Dusting powders
13. Define throat paint with examples
14. What are hypertonic and hypotonic solutions?
15. Define mouthwashes and gargles
16. Phase inversion
17. Displacement value
18. What are proof spirits?
19. Enlist the methods of mixing powders
