

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Pharm Degree Examination – 15-Jun-2022

Time: Three Hours**Max. Marks: 70 Marks**

PHARMACEUTICS (THEORY) (Revised Scheme 3)

Q.P. CODE: 2602

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 percolation. Explain soxhlet extraction process
2. Classify and define the different types of monophasic liquid dosage forms with one example each
3. Classify incompatibilities. Explain physical incompatibilities in detail with one example each

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. What are suspending agents? Give examples. Write about flocculated suspension
5. Differentiate between Elixir and Linctus
6. Manufacture of surgical catgut
7. Write a note on Extra Pharmacopoeia
8. Define suppository and pessary. What is displacement value and its significance
9. Define and give example. (i) Surgical aids (ii) Galencials
10. Explain creaming and cracking of emulsions
11. Explain the principle involved in the preparation of Calamine lotion IP

SHORT ANSWERS**10 x 2 = 20 Marks**

12. What is the significance of specific sucrose concentration in a Simple syrup IP
13. Define insufflations with examples
14. Four salient features of fifth edition of IP
15. Differentiate between inscription and subscription
16. Calculate the percentage of the ointment made by mixing 20G of 1%, 50G of 2% and 30G of 6%, sulphur ointments
17. Write Young's formula
18. What are the auxiliary labels for Lysol?
19. Eutectic powder
20. Organoleptic agents
21. Types of emulsions with examples
