

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)

 $2 \times 10 = 20 \text{ Marks}$

- 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)

 $6 \times 5 = 30 \text{ Marks}$

- 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
- 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
