

Rajiv Gandhi University of Health Sciences, Karnataka I Year B. Pharm Degree Examination - 15-Jun-2022

Time: Three Hours Max. Marks: 70 Marks

PHARMACEUTICS (RS4) Q.P. CODE: 2626

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

- Explain the factors affecting dose selection. Give any two formula to calculate children dose.
- Enlist the stability problems associated with emulsion. Discuss the causes and precaution to avoid them.
- Define and classify incompatibility. Explain the therapeutic incompatibility with example.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

- Enlist the methods of sterilization of surgical catgut.
- Explain the Soxhlet extraction process with a neat labelled diagram.
- Write the principle and procedure involved in the preparation of syrup.
- 7. How do you prepare effervescent granules by heat method?
- 8. Define suppositories. Describe the various methods of preparations of suppositories.
- 9. Define prescription. Write about the sources of errors in prescription.
- 10. Define suspension. Differentiate between flocculated and deflocculated suspension.
- Write the various evaluation tests for suppositories.

SHORT ANSWERS 10 x 2 = 20 Marks

- Write the difference between pharmacopeia and formulary.
- 13. What is the ratio 90% alcohol and 30% be mixed to give 60% alcohol.
- 14. Write the differences between mouth washes and gargles.
- 15. Define infusion and decoction.
- Define and classify dusting powders.
- What is POP? Give its application.
- 18. How do you prepare 500ml of 50% alcohol from 90% alcohol?
- 19. Write the differences between fresh and concentrated infusion.
- Write any four diagnostic applications of radiopharmaceuticals.
- 21. Write the salient features of latest edition of Indian Pharmacopeia.

