

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – 12-Nov-2021

Max. Marks: 70 Marks

Time: Three Hours

PHARMACEUTICS (RS & RS2)

Q.P. CODE: 2852

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

2 x 10 = 20 Marks

LONG ESSAYS (Answer any Two)

1. Explain the factors affecting dose selection. Give any two formulae to calculate child dose.
2. Explain the various evaluation tests for suppositories.
3. Define maceration. Explain simple maceration, maceration with adjustment and multiple maceration.

6 x 5 = 30 Marks

SHORT ESSAYS (Answer any Six)

4. Define and classify suspensions.
5. Explain the various methods of preparation of emulsion.
6. Explain the preparation of dusting powder.
7. What are the differences between gargle and mouthwash?
8. Explain the different steps involved in the manufacturing of surgical catgut.
9. Define incompatibility. Explain the chemical incompatibility with examples.
10. Define prescription. Explain the handling of prescription.
11. Explain the evaluation methods of suspensions.

10 x 2 = 20 Marks

SHORT ANSWERS

12. Define Galenicals, List out different extraction processes.
13. What is patient care era in history of pharmacy?
14. Differentiate between Indian Pharmacopoeia and National Formulary of India.
15. What will be the percentage strengths corresponding to 50 O.P and 30 U.P?
16. Define eutectic and explosive powder.
17. Define lotions with examples.
18. Name any two colouring and flavouring agent used in monophasic liquid dosage forms.
19. Write the primary emulsion formula for fixed oils and mineral oils.
20. You have a 10-ml vial of aminophylline labeled "25 mg per ml". How many milliliters must be injected to administer a dose of 125 mg?
21. Define immiscibility with example.
