

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – 31-May-2023

Time: Three Hours

Max. Marks: 70 Marks

PHARMACEUTICS (RS & RS2)

Q.P. CODE: 2852

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 and classify emulsions. Write four tests for identification of type of emulsion.
2. Explain the manufacture of surgical catgut. Compare boilable and non-boilable catgut.
3. Define prescription. Explain the different parts of prescription. Write a note on errors in prescription.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain two reasons which cause therapeutic incompatibility with examples.
5. Describe the salient features of second edition of Indian pharmacopoeia.
6. Differentiate maceration process for organized drugs and unorganized drugs.
7. Explain with example formulation of suspensions containing indiffusible solids.
8. Write the ideal characteristic of suppository bases.
9. Explain eutectic powders with suitable example.
10. Write four advantages of water and alcohol used as menstruum.
11. Discuss the formulation of nasal drops.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Describe Plaster Of Paris (POP).
13. Write the importance of allegation method in Pharmaceutical calculation.
14. Define a dosage form.
15. Give the formula for double maceration process.
16. Write a note on metric system.
17. Define insufflations. Give example.
18. Write Clark's and Dilling's formula for calculation of child's dose.
19. Name two colouring and flavouring agents used in pharmaceutical formulations.
20. Describe geometric method of mixing powder.
21. Calculate quantity of sodium chloride required to prepare 500ml of 0.9% w/v solution of sodium chloride.
