

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – June-2019

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Define posology. Enumerate different factors affecting selection of dose of a drug.
2. Enumerate the ideal characteristics of a suppository base. The displacement value of zinc oxide is 5.0. Calculate the amount of cocoa butter required to make five such suppositories containing 100 mg of zinc oxide per suppository.
3. What is continuous hot percolation process? Write its advantages and disadvantages.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Differentiate flocculated and deflocculated suspension?
5. Define and classify emulsion.
6. Explain the dispensing of explosive powders with examples.
What are the differences between liniment and lotion?
8. Explain the different methods of sterilization of surgical catgut.
9. Define incompatibility. Explain how to overcome therapeutic incompatibility with examples.
10. Define prescription. Explain the parts of prescription.
11. Write the various identification tests for emulsion type.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define liquid dosage forms with examples.
13. Write any four contributions of Arabians in development of pharmacy?
14. Which is the latest edition and year of publication of Indian Pharmacopoeia?
15. How many litres of 8% solution can be prepared from 500gm of a solid?
16. What is liquefaction? How to overcome it?
17. Define mouthwash with examples.
18. Define throat paint with examples.
19. Define creaming and cracking?
20. How many milligrams are there in 100 mL of a 0.01% solution?
21. Define immediate and delayed chemical incompatibility.
