

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 17-Mar-2021

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**

1. Define and classify suspension. Differentiate flocculated and deflocculated suspension?
2. Define and classify incompatibility. Explain the therapeutic incompatibility with examples.
3. Define prescription. Explain the handling of prescription. Write about the sources of errors in prescription.

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. Explain in detail the different vehicles used in monophasic dosage forms. Give their advantages and disadvantages.
5. Write the differences between ointment and cream.
6. Define and classify various surgical sutures and ligatures
7. What is continuous hot percolation process? Write its advantages and disadvantages.
8. Explain dusting powders with examples
9. Define ointment. Explain any two methods used for the preparation of ointment.
10. Define suppositories. Explain the various suppository bases.
11. Write the process of maceration for organized and unorganized drugs

SHORT ANSWERS**10 x 2 = 20 Marks**

12. Write any four salient features of second edition of Indian Pharmacopoeia.
13. Calculate the actual strength of 45° U.P. (under proof).
14. How do you prepare 1 litre of 5% w/v dextrose solution from 50% w/v dextrose solution?
15. Name any four demerits of suppositories.
16. Why emulsifying agent is required in the preparation of emulsions.
17. Write any two differences between conventional pharmaceuticals and radiopharmaceuticals.
18. Define gargle with examples.
19. What is fascia lata?
20. Enlist the different extraction processes.
21. Define simple and compound powders.
