

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 12-Nov-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 prescription. With the help of an ideal example describe the importance of all the parts of a prescription.
2. Define and classify suspension. Write the advantages and disadvantages of suspension?
3. Define Posology. Enumerate different factors affecting selection of dose of a drug.

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

4. Classify monophasic liquid dosage forms with examples.
5. Define ointment. Explain any two methods used for the preparation of ointment.
6. Define powders. Classify powders.
7. Define and classify various surgical sutures and ligatures
8. Explain the menstrums used in the extraction processes.
9. Define suppositories. Describe the various methods used for the preparations of suppositories.
10. Write the various identification tests for emulsion type.
11. Explain insufflations with example.

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

12. What is Pharmacopoeia? Mention all the editions of Indian Pharmacopoeia.
13. Give the metric equivalents for the following: (a) one grain, (b) one ounce, (c) one teaspoonful, (d) one tablespoonful.
14. In what proportions should 25% w/v and 5% w/v dextrose solutions be mixed to produce a 10 %w/v dextrose solution?
15. Names any two antioxidants used in liquid formulations.
16. Classify emulsifying agents.
17. Define hygroscopic and deliquescent powders.
18. Give the ideal properties of absorbent cotton.
19. Define radioisotopes. Give two examples.
20. Define the terms percolation and soxhlation.
21. Define paste? Name the bases used for the preparation of paste.
