



# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year Pharm-D Examination – 04-Jan-2020

**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 Posology. Explain the different factors which affect dose selection.
2. Write the various adjuvants used in the preparation of monophasic liquid dosage forms. Differentiate gargles and mouthwashes.
3. Define Galenicals. Describe in detail simple percolation process with a neat labelled diagram.

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

4. Explain percent weight in weight with a suitable example.
5. Give any three evaluation tests for suppositories.
6. Write a note on development of pharmaceutical industry in India.
7. Explain throat paints with a suitable example.
8. List out the salient features of eight edition of Indian Pharmacopoeia.
9. Discuss the preparation of suppositories by cold compression method.
10. Write a note on mediated bandages.
11. Explain the preparation of spirits by simple solution method.

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

12. Write Fried's formula for calculation of Infants dose.
13. Define Enema, give an example.
14. Elaborate Signatura in parts of prescription.
15. Differentiate between sutures and ligatures.
16. Explain rate of creaming.
17. What do you understand by simple powder, give example?
18. Give two reasons for converting powder into granules.
19. Convert following terms into metric system a) gallon b) pound c) grain d) ounce
20. Briefly explain Indian national formulary.
21. Calculate the amount of sodium bicarbonate required to prepare 3.5% w/v of 120ml sodium bicarbonate solution.

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