

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year Pharm-D Examination – NOV 2016

**Time: Three Hours****Max. Marks: 70 Marks**

### PHARMACEUTICS

### 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 prescription. Explain different parts of a prescription. Add a note on handling of prescription.
2. Define extraction. Give a detailed account of the simple percolation process for the extraction of drugs.
3. Classify and define the various types of monophasic liquid dosage forms. Give an example for each type.

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

4. Define Pharmacopoeia. Write the salient features of third edition of Indian Pharmacopoeia.
5. Discuss the sterilization methods for surgical catgut.
6. Explain therapeutic incompatibility with suitable examples.
7. Define and classify Suspension. Give their ideal characteristics.
8. Explain the dispensing of explosive powders with an example.
9. Differentiate between Syrups and Elixirs.
10. Write the method of dispensing suspensions containing indiffusible solids.
11. Define suppositories. Give their advantages and disadvantages.

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

12. Define the term 'Poof Spirit'.
13. Define the term 'marc' and 'menstruum'.
14. In what ratio should 90% alcohol and 50% alcohol be mixed to give 70% alcohol?
15. Define the term 'Posology'. Name any two factors influencing the dose of drugs.
16. What are liniments? Give one example.
17. Write the 'Clarks formula' for calculation of child dose.
18. Define Galanicals. Give one example.
19. Define pharmaceutical incompatibility.
20. Define enemas. Give two examples.
21. Define and classify dusting powders.

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