



# Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination - Sep 2012

**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 Pharmacopoeia. What are the salient features of fourth edition of Indian Pharmacopoeia
2. Define extraction. Give a detailed account of the simple percolation process for 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 prescription. With a suitable example, explain the different parts of a prescription
5. Discuss the sterilization methods for surgical catgut
6. Explain with suitable examples any three types of therapeutic incompatibility
7. Write the salient features of the first edition of the Indian Pharmacopoeia
8. Explain the dispensing of eutectic powders with an example
9. Differentiate between Syrups and Elixirs
10. Write the method of dispensing suspensions containing diffusible solids
11. Define suppositories. Give the ideal characteristics of a suppository base

#### SHORT ANSWERS

**10 x 2 = 20 Marks**

12. Define the term 'Proof spirit'
13. Differentiate between the terms 'marc' and "menstruum"
14. In what ratio should 90% alcohol and 50% alcohol be mixed to GET 70% alcohol
15. Define the term 'Posology' Name any two factors influencing the dose of drugs
16. Define 'Cracking' and Creaming
17. What is the Clarks formula for calculation of child dose
18. Write a brief note on extracts
19. Idiosyncrasy and tachyphylaxis
20. Define enemas. Give two examples
21. Define and classify dusting powders

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