

# Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Pharm Degree Examination – August 2010

**Time: Three Hours**

**Max. Marks: 70 Marks**

## PHARMACEUTICS (THEORY) (Revised Scheme 3)

**Q.P. CODE: 2602**

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. Describe the method of preparation of surgical catgut.
2. With an example of a typical prescription explain the parts of a prescription
3. What is reserve percolation? Explain the Modified percolation process

### SHORT ESSAYS (Answer any Six)

**6 x 5 = 30 Marks**

4. Discuss the different Identification tests for emulsions
5. List out the differences between linctuses and elixirs
6. With one example each give the method of preparation of a simple and Compound powder
7. List out the ideal properties of Suppository Bases? Add a note on Cocoa butter.
8. Define Incompatibility. Give the remedial measures for any two physical incompatibilities
9. Discuss in brief the sublimation process of Iodine
10. Classify suspensions based on its pharmaceutical use. Explain each class with an example.
11. Discuss the different solvents used in extraction process

### SHORT ANSWERS

**10 x 2 = 20 Marks**

12. Given the adult dose of a drug as 500mg. Calculate the dose for a child of 8 years old.
13. Define lotions and liniments
14. What is Decoction? Give an example.
15. List out the different editions of Indian Pharmacopoeia published.
16. Define the terms a) Tachyphylaxis b) Idiosyncrasy
17. Give two examples each for sweeteners and colorants
18. Define the terms Evaporation and Distillation
19. Define displacement value? Give displacement values of any two medicaments.
20. What is phase inversion? How it can be prevented?
21. Give the composition of Strong Ammonium acetate Solution and Turpentine liniment.

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