

# Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Pharm Degree Examination – Mar 2013

**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. Discuss about the suppository bases. Explain the general method of preparation of a suppository
2. Give detailed method of dispensing diffusible and indiffusible suspensions
3. Name the different parts of a prescription. Explain the handling of prescription

### **SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Prepare 60 ml of 8% solution of potassium permanganate from 12%, 9%, 6%, and 3% solutions
5. What are ointments and creams. Differentiate them with examples
6. Explain identification tests for emulsions  
(i) Fluorescence test (ii) Electrical conductivity test
7. What is therapeutic incompatibility.
8. Give a note on surgical sutures and ligatures
9. Define dosage forms. Classify and define liquid dosage forms with example
10. Write about Indian Pharmacopoeia
11. Effervescent granules

### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Sublimation
13. Collodions
14. Maceration
15. Steam bath
16. Uses of Turpentine liniment I P
17. Primary emulsion formula for mineral and volatile oils
18. Write the formula for milk of magnesia
19. Define throat paints. Give example
20. Differentiate between Distillation and Drying
21. Give two examples for suspending agents