



# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year Pharm-D Examination – Mar 2013

**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. Explain Soxhlet process with neat, labeled diagram.
2. Define prescription and explain parts and handling of prescription.
3. Define suppository. Classify suppository bases and explain the moulding method of preparation of suppository.

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

4. Define liniment and write about preparation of Turpentine liniment.
5. Explain the principle and procedure in the preparation of Eutectic powders.
6. Explain therapeutic incompatibility with examples.
7. Explain the heat sterilization method of catgut.
8. Show the calculation to prepare 4500ml of 10% w/v dextrose solution from 50%w/v dextrose solution.
9. Write the principle involved in the preparation of cresol with soap solution IP.
10. Differentiate between flocculated and deflocculated suspension.
11. Mention the salient features of latest edition of I.P.

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

12. Give the composition of Mandle's throat paint.
13. Write any two formulae for the calculation of child dose.
14. Classify Monophasic dosage forms.
15. Preservative is not necessary in case of simple syrup. Justify.
16. Give the formula for Calamine lotion IP.
17. Mention the primary emulsion formula for fixed and mineral oil.
18. Define Hypertonic and Hypotonic solution.
19. Differentiate between spirits and tinctures.
20. Define Explosive powders.
21. Differentiate between Pharmacopoeia and Extra Pharmacopoeia.

\*\*\*\*\*

