

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year Pharm-D Examination – Jan 2014

**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 suspension. Differentiate between flocculated and deflocculated suspension.
2. Explain the Maceration process for organized drug with example.
3. Explain in detail about the various methods of sterilization of catgut.

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

4. Explain the principle and procedure in the preparation of Effervescent powders.
5. Write about preparation of Turpentine liniment.
6. Calculate the working formula for 12 suppositories (2G size) of tannic acid each containing 300mg of tannic acid. (Displacement value of tannic acid = 0.9).
7. Explain briefly the various tests to identify the type of emulsions.
8. Write a brief note on Extra Pharmacopoeia.
9. Write the principle involved in the preparation of strong solution of ammonium acetate.
10. Explain Physical incompatibility with examples.
11. Define and classify powder dosage form. Write the difference between Simple and compound powders.

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

12. Explain Superscription part of prescription.
13. Mention the advantages of Cocoa butter as suppository base.
14. Give any two differences between Boilable and Nonboilable catgut.
15. Mention any two coloring and flavouring agents used in monophasic dosage form.
16. Define sutures and ligatures.
17. Define the term "reserved percolation".
18. Give any four examples for antioxidants.
19. Define posology. Mention Young's formula to calculate paediatric dose.
20. Define sedimentation value.
21. Classify different dosage forms.

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