

# Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Pharm Degree Examination – August 2010

**Time: Three Hours**

**Max. Marks: 80 Marks**

## PHARMACEUTICS (RS - 2)

**Q.P. CODE: 1952**

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. Differentiate between a suture and a ligature. Discuss the commercial manufacturing of surgical catgut
2. Define pharmacopoeia. Discuss the salient features of Indian Pharmacopoeia 1996 edition
3. Define and classify powders. Write a detailed account on powders for external use

### SHORT ESSAYS (Answer any Eight)

**8 x 5 = 40 Marks**

4. Write a brief note on effervescent granules
5. Write various formulae's used to calculate a child's dose
6. Give a historical background of profession of pharmacy
7. Classify different types of suppository bases
8. Draw neat labeled diagram of Soxhlet's extractor
9. Comment upon receiving and handling of a prescription
10. Discuss the formulation of elixir and give an example
11. Define posology. Explain any four factors influencing dose of a drug
12. Write a brief account on an oil bath and solvent bath
13. Give one example of therapeutic incompatibility and suggest means to overcome it

### SHORT ANSWERS

**10 x 2 = 20 Marks**

14. Give two examples of powders containing potent medicaments
15. Differentiate between a gargle and a mouth wash
16. Define collodion and give one example of it
17. Give four examples of emulsifying agents
18. Differentiate between a lotion and a liniment
19. Define displacement value
20. Name four advantages of suspensions
21. Name four examples of organoleptic additives used in pharmaceutical formulations
22. Define suppository and enema
23. Define infusion and decoction

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