Rajiv Gandhi University of Health Sciences, Karnataka

First Year Pharma-D Examination - March - 2010

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)

 $2 \times 10 = 20 \text{ Marks}$

- 1. What are suppositories? Give their advantages and disadvantages. Discuss in detail various Suppository bases.
- 2. Describe the method of preparation and standards of catgut.
- 3. What is posology? Discuss the factors influencing doses of drugs.

SHORT ESSAYS (Answer any Six)

 $6 \times 5 = 30 \text{ Marks}$

- 4. Indian pharmacopoeia.
- 5. Differentiate between liniments and lotions.
- 6. What are dentifrices? Give a formula and explain the role of the different ingredients in it.
- 7. Describe four tests for detecting the type of emulsion.
- 8. Define chemical incompatibility with any two examples.
- 9. Write the principle involved in the preparation of cresol with soap solution I.P (Lysol).
- 10. What is maceration? Write the preparation of orange tincture I.P.
- 11. Give a brief account on the additives used in liquid dosage form with examples.

SHORT ANSWERS $10 \times 2 = 20 \text{ Marks}$

- 12. Write the primary emulsion formulae for fixed and minerals oils.
- 13. Name four preservatives.
- 14. Calamine lotions I.P.
- 15. Define the term "reserved percolation".
- 16. Define "sublimation and evaporation".
- 17. Write a brief note on extracts.
- 18. Write a note on "oil baths" and "sand Baths".
- 19. In what proportion should 50% and 20% alcohol be mixed to prepare 250ml of 25% alcohol?
- 20 Define and classify dusting powder.
- 21. Define prescription.
