

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 x 10 = 20 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 x 5 = 30 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 x 2 = 20 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.
