

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Pharm Degree Examination – Aug / Sep 2011

Time: Three Hours

Max. Marks: 70 Marks

PHARMACEUTICS (THEORY) (Revised Scheme 3)

Q.P. CODE: 2602

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. Name the different types of emulsions. Explain the causes for instabilities in emulsion
2. Define posology. Explain the factors affecting dose selection
3. Define suspensions. Write the principle and method of preparation of Magnesium hydroxide mixture BP

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Differentiate between flocculated and deflocculated suspensions
5. Define suppositories. What are the advantages and disadvantages of cocoa butter suppository base
6. Give the advantages and disadvantages of powders
7. Explain the different parts of a prescription
8. Prepare 30 ml. of 7% solution of copper sulphate from 11%, 10%, 6% and 5% solutions
9. Classify physical incompatibilities with one example each. Write a note on explosive powder
10. If the adult dose of Tolbutamide is 1.5 G, calculate the dose for an infant aged 10 months?
11. Classify dosage forms in detail with one example each

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define Evaporation
13. Give two examples each for liniments and lotions
14. Differentiate between mouthwash and gargles
15. Define emulsion. Give two examples for Emulsifying agents
16. Name the different types of suppository bases
17. Give the uses of Lysol
18. Define Enema with an example
19. Clark's formula
20. Draw a neat labeled diagram of soxhlet extractor
21. Give the composition of Lugol's solution
