

Rajiv Gandhi University of Health Sciences, Karnataka

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

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. Define suppositories. Give an account of various bases used in the preparation of suppositories
2. Define and classify emulsions. Discuss in detail the different identification tests for emulsions
3. Define incompatibility. Explain the different types of physical and therapeutic incompatibilities with examples

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Find the proportion of dextrose needed to form a solution isotonic with blood plasma (Mol. Wt. of dextrose is 180)
5. Explain pricing of prescription
6. In what proportion should 20% benzocaine ointment be mixed with an ointment base to produce 2.5% benzocaine ointment
7. What are the various methods to calculate dose of a child
8. What are the various baths used in pharmacy
9. Explain soxhlet extraction with a neat labeled diagram
10. Write briefly the preparation of effervescent granules
11. Explain the principle involved in the preparation of milk of magnesia
12. Explain the different types of emulsion instability
13. Classify liquid dosage form with examples

SHORT ANSWERS

10 x 2 = 20 Marks

14. Write the advantages of suppositories
15. How will you dispense suspension containing indiffusible solids
16. Define Gargle and Mouthwash
17. Write two differences between lotions and liniments
18. Classify powders
19. Define infusion and decoction
20. Define evaporation and distillation
21. Give two examples each for sweeteners and colorants
22. Write the advantages of suspensions
23. Write the primary emulsion formulae for fixed oil and volatile oil

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