

Rajiv Gandhi University of Health Sciences, Karnataka

First Semester B.Pharm Degree Examination – DEC-2018

Time: Three Hours

Max. Marks: 75 Marks

Pharmaceutics – I **Q.P. CODE: 5003**

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 prescription. Explain the handling of prescription. (2+8)
2. Discuss the stability problems in suspensions. Explain methods to overcome. (6+4)
3. Define and classify incompatibilities. Explain physical incompatibility. (1+3+6)

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Define and classify dosage forms with examples.
5. Define powders. Write the advantages and disadvantages of powders.
6. How many parts of 16%, 10%, 4% and 2% alcohol to be mixed to prepare 600ml of 8% alcohol?
7. Define syrups. Write its advantages and disadvantages.
8. Define suppositories. Explain any two methods to prepare suppositories.
9. Classify ointment bases. Write its ideal properties.
10. Explain identification tests for emulsions.
11. Explain alkaloidal incompatibilities.
12. Define creams. Explain the formulation of creams.

SHORT ANSWERS

10 x 2 = 20 Marks

13. Define the terms Synergism and Idiosyncrasy.
14. Convert 40% v/v alcohol into proof spirit.
15. What is geometrical dilution?
16. What are antioxidants? Give examples.
17. Define gargles. Give examples.
18. Define emulsions.
19. Define displacement value. Give examples.
20. Define enemas. Give examples.
21. Enlist any four solubility enhancement techniques.
22. Define pastes and gels.
