

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester B.Pharm Degree Examination – DEC-2017

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)

1. Define and classify dosage forms examples. List out the advantages and dosage forms. 2 x 10 = 20 Marks
(1+5+4)
2. What are the various instability problems of emulsions? Explain causes and methods to overcome. (3+7)
3. Define suppositories. Write its advantages and disadvantages. Explain types of suppository bases. (1+4+5)

SHORT ESSAYS (Answer any Seven)

4. Explain the development of profession of pharmacy in India. 7 x 5 = 35 Marks
5. Explain the additives used in monophasic liquid dosage forms with examples.
6. Define and classify powders.
7. Define and classify suspension. Write the ideal properties of suspensions.
8. Define incompatibility. Explain alkaloidal incompatibility with example.
9. Define and classify ointments. How they differ from pastes and creams?
10. Differentiate flocculated and deflocculated suspensions.
11. Describe various evaluation tests for suppositories.
12. Explain the factors affecting drug permeation through skin.

SHORT ANSWERS

13. Define prescription. 10 x 2 = 20 Marks
14. Enlist the solubility enhancement techniques.
15. How powders containing potent drug are dispensed?
16. In what ratio 90% and 40% alcohol to be mixed to give 50% alcohol?
17. Define nasal drops. Give examples.
18. Define liniments. Give example.
19. Define tolerated and adjusted incompatibilities.
20. Define mouthwashes. Give examples.
21. What is proof strength of 45%v/v alcohol?
22. Name any four examples of gelling agents.