Rajiv Gandhi University of Health Sciences, Karnataka
First Semester B.Pharm Degree Examination – 06-Jan-2020

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. What are the sources of errors in a prescription? Give an example of prescription showing the parts.

2. Define and classify incompatibility. Explain therapeutic incompatibility with example.

3. Define and classify emulsion. Explain different methods of preparation of emulsion.

SHORT ESSAYS (Answer any Seven)   **7 x 5 = 35 Marks**

4. Define dosage form and classify with examples.

5. Define Posology. Explain four factors affecting dose of a drug.

6. What are monophasic liquid dosage forms? Explain its advantages and disadvantages.

7. Explain any two methods to improve solubility of drug with example.

8. Differentiate between flocculated and deflocculated suspension.

9. Define suppository. Explain preparation of cocoa butter suppository by moulding method.

10. Define ointment. Explain any one method of preparation of ointment.

11. What are eutectic mixtures? What is the problem associated with it. How it can be corrected.

12. Write a note on liniment.

SHORT ANSWERS   **10 x 2 = 20 Marks**

13. Enlist various pharmacopoeias.

14. Give the metric equivalents for the following a) one again b) one ounce c) one teaspoonful d) one tablespoonful

15. Define isotonic and paratonic solutions

16. Define gargle with examples.

17. Define preservatives with examples.

18. Define geometric dilution.

19. Define displacement value.

20. Name any four examples of gelling agents.

21. Define Biphasic liquid dosage form.

22. Define the term synergism.

*****