Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Pharm Degree Examination – NOVEMBER 2015

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. Define the term 'Maceration'. Explain in detail, Simple maceration and multiple macerations.
2. Discuss in detail, the process of manufacturing and standardization of surgical catgut.
3. Define posology. Write any eight factors affecting dose selection.

SHORT ESSAYS (Answer any Six)   **6 x 5 = 30 Marks**

4. Define Incompatibility. Explain briefly various physical incompatibilities.
5. How will you differentiate flocculated suspension from deflocculated suspension?
6. Define suppositories. Classify and discuss the different suppository bases giving suitable examples.
7. In what proportion should 20% benzocaine ointment be mixed with an ointment base to produce 2.5% benzocaine ointment?
8. Define and classify dusting powder. Write the procedure involved in the preparation of dusting powders.
9. What are the differences between lotion and liniment?
10. Define prescription and enlist the different parts of a prescription.
11. Explain the principle involved in the preparation of milk of magnesia. B.P.

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

12. Give one formula for calculating child dose based on body weight and age.
13. List out the different editions of Indian Pharmacopoeia published.
14. Define evaporation and distillation.
15. What is infusion? Give an example.
16. Give one example each for simple powder and compound powder.
17. Define Syrup and Elixir.
18. Enlist the advantages of suppository as a dosage form.
19. Convert 80% v/v alcohol into proof spirit.
20. What is geometric dilution?
21. Define Creaming and Cracking.

*****