Rajiv Gandhi University of Health Sciences, Karnataka
I year B.Pharm Degree Examination – 12-Nov-2021

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 prescription. Discuss different parts of prescriptions with example.

2. Explain the simple percolation process in detail with a neat labeled diagram of the packed percolator

3. Define suppositories. Discuss the different types of suppository bases.

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

4. Define dosage forms? Give the definition of any four solid dosage forms

5. How much quantity of 5% ointment must be added to 60gm of a 15% ointment to make 10% ointment?

6. Define surgical catgut. List out the ideal properties of surgical catgut.

7. List out the differences between flocculated and deflocculated suspensions.

8. Classify powders. Name the ingredients in a tooth powder with the purpose of their addition

9. Give the principle involved in the preparation of Milk of Magnesia B.P

10. Write a note on salient features of Indian Pharmacopoeia.

11. Discuss any four reasons for therapeutic Incompatibility.

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

12. Define Proof Spirit. What do you mean by " Over-Proof"

13. Name any two natural and synthetic emulsifying agents?

14. Name two antioxidants and two preservative agents

15. Define sublimation and ignition

16. Suggest the packaging requirement for Eutectic Mixture and Explosive powder

17. What is water bath? How does it differ from steam bath?

18. Define the terms "menstrum" and "marc"

19. Define "nasal drops" and "throat paints"

20. Give two examples each for diffusible and indiffusible solids

21. What is geometric dilution?

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