Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Pharm Degree Examination – 17-Mar-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 and classify emulsions. Discuss in detail the different Identification tests for emulsions.

2. Define prescription. With the help of an ideal example describe the importance of all the parts of a prescription.

3. Define the term 'Percolation'. Explain Simple percolation process in detail with a neat, labeled diagram.

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

4. What are catguts? Describe the methods of sterilization of catgut.

5. Write briefly the preparation of effervescent granules.

6. Describe the various additives added in the preparation of monophasic liquid dosage forms with examples.

7. What is proof spirit? Convert 90% v/v and 30 v/v alcohol into proof spirit.

8. Explain the principle and procedure involved in the preparation of cresol with soap solution.

9. Define Incompatibility. Explain briefly various therapeutic incompatibilities.

10. Discuss the ideal characteristics of a suppository base.

11. Discuss various types of baths used in pharmacy..

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

12. Define the term Fusion and Sublimation.

13. In what proportion should alcohols of 95% and 50% strengths to be mixed to make 70% alcohol?

14. Define and classify dusting powders.

15. How will you dispense suspension containing indiffusible solids?

16. Define Gargle and Mouthwash.

17. Classify semisolid dosage form.

18. Enlist the factors affecting dose selection.

19. What are Eutectic mixtures? Give example.

20. Give the composition of Aqueous Iodine solution with category

21. Define Displacement value with its significance.

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