Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Pharm Degree Examination – DEC-2018

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. Discuss advantages and disadvantages of suspensions. How will you dispense suspensions containing indiffusible solids?
2. What are surgical sutures and ligatures? Describe the method of preparation of surgical catgut.
3. Explain in detail percolation process along with its modifications.

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

4. Classify emulsifying agents. Add a note on ideal properties of emulsifying agents.
5. Define posology. Calculate the dose of a drug for a three year old child if the adult dose is 500 mg.
6. Explain cold compression method for suppository preparation.
7. Explain the method of preparation of Effervescent granules.
8. Discuss the different additives added in the preparation of monophasic liquid dosage form.
9. Define displacement value. Explain its significance in the preparation of suppositories.
10. Discuss eutectic and explosive powders with suitable examples.
11. Write the principle involved in the preparation of Cresol with soap solution I.P.

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

12. What is meant by B.P, U.S.P. and N.F? When the second edition of I.P published?
13. Mention the applications of evaporation.
14. Find the strength of 95% v/v alcohol in terms of proof spirit.
15. Give the method of preparation of decoction.
16. What do you mean by absorbable and non-absorbable sutures and ligatures?
17. Define and classify dusting powders.
18. How will you dispense powders containing potent drugs?
19. Differentiate between suppository and pessary.
20. Name any four suspending agents.
21. Define lotion and liniment.

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