Rajiv Gandhi University of Health Sciences, Karnataka

I year B. Pharm Degree Examination – 06-Jan-2020

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. What are Emulsions? Explain various instabilities of emulsions.

2. Define Incompatibility. How incompatibilities are classified? Describe one example each.

3. What are Suppositories? Write a note on various bases and methods used for preparation.

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

4. Define Prescription. Explain various parts of prescription.

5. Classify dosage forms with examples.

6. Explain the historical development of Indian Pharmacopoeia.

7. Factors affecting dose of a drug

8. What are effervescent granules and how are they prepared?

9. Define lotions. Mention the formula, use and preparation of calamine lotion.

10. Discuss the method of Percolation for the extraction of crude drugs.

11. Sterilization of surgical catgut

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

12. An adult dose of Paracetamol is 650mg. How much of the drug should be given to a boy weighing 12kg?

13. Define the term Isotonicity. Give methods for calculation of isotonicity.

14. Composition of Compound Tragacanth powder

15. Define liniment and give two examples.

16. Prepare 50% alcohol from 90% and 30% alcohol.

17. Throat paint

18. Indian National Formulary

19. Tinctures

20. Surgical dressings

21. Tooth powder

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