

# 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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