

Rajiv Gandhi University of Health Sciences, Karnataka

I year B. Pharm Degree Examination – May 2017

Time: Three Hours

Max. Marks: 70 Marks

PHARMACEUTICS (THEORY) (RS - 4)

Q.P. CODE: 2626

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 emulsion. Explain the various methods of preparation of emulsion?
2. Define prescription. With the help of an ideal example describe the importance of all the parts of a prescription.
3. Explain the factors affecting the dose selection. Give any two formulae to calculate children dose.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. How do you dispense eutectic powders?
5. Define suppositories. Explain the various suppository bases.
6. What is absorbent cotton? Write its advantages and disadvantages.
7. Explain the organoleptic additives used in monophasic liquid dosage forms with examples.
8. Write a note on modified percolation process.
9. Define and classify ointments. Differentiate ointment and paste.
10. Differentiate flocculated and deflocculated suspension.
11. Differentiate double and triple macerations with examples

SHORT ANSWERS

10 x 2 = 20 Marks

12. Differentiate between Indian Pharmacopoeia and National Formulary of India.
13. Define 'allegation' and 'proof spirit'.
14. How do you prepare of 50% alcohol from 80% alcohol and 30% alcohol?
15. Name any four monophasic dosage forms used internally.
16. Name any four flocculating agents used in preparation of suspension.
17. Name the different types of creams.
18. Define sutures and ligatures.
19. Name the different solvents used as Menstrum.
20. Name any two radiopharmaceuticals with their applications.
21. Define geometric dilution.
