

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – DEC-2018

Max. Marks: 70 Marks

Time: Three Hours

PHARMACEUTICS (RS & RS2)

Q.P. CODE: 2852

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 suspension. Explain the preparation of suspension containing diffusible and Indiffusible solids.
2. Define extraction. With a neat labelled diagram explain the simple percolation process for extraction of drugs.
3. Define suppositories. Explain various types of suppository bases.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain the importance of dosage form.
5. Define prescription. Explain the parts of prescription.
6. Define and classify powders with their advantages and disadvantages.
7. What are the differences between liniment and lotion?
What are bandages? Explain crepe bandage and calico bandage.
9. Define incompatibility. Explain the physical incompatibility with examples.
10. Explain the various methods of preparation of emulsion.
11. Define posology. Enumerate four factors affecting selection of dose of a drug.

SHORT ANSWERS

10 x 2 = 20 Marks

12. What is Fried's rule?
13. Write any two objectives of central drug laboratory.
14. Write any two objectives of International Pharmacopoeia.
15. In what ratio should 90 % alcohol and water be mixed to give 60% alcohol?
16. What is liquefaction? How to overcome it?
17. Give the auxillary label for liniments and lotions.
18. Names any four monophasic dosage forms used externally.
19. What is phase inversion? How it can be prevented.
20. How many milliliters must be injected from an ampule of Prochlorperazine labeled "10 mg/2 ml" in order to administer a dose of 7.5 mg?
21. Define immediate and delayed chemical Incompatibility.
