

Rajiv Gandhi University of Health Sciences, Karnataka

I year B. Pharm Degree Examination – DEC-2014

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. Define prescription and explain the different parts of prescription with a typical prescription format.
2. Discuss in general the commonly used vehicle and essential adjuvants, used in preparation of monophasic dosage forms.
3. Define and classify emulsion. Explain the various identification tests for emulsion.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write about insufflations and dusting powders.
5. Explain manufacturing of surgical catgut.
6. In what proportion should 50% v/v alcohol and 30% v/v alcohol be mixed to produce 4000ml of 20% v/v alcohol?
7. Write the merits and demerits of suppositories.
8. What is incompatibility? Give a detailed account on physical incompatibility.
9. Define syrup. Explain the principle involved in the preparation of Simple syrup I.P.
10. Describe the salient features of IP 1996 edition.
11. Describe maceration with adjustment using an example.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write any two formulae for calculation of child doses.
13. Desiccation and ignition
14. What is the proof strength of 45% v/v alcohol?
15. Give two applications of absorption bases and emulsifying bases.
16. Define Water bath and Oil bath
17. Composition of Mouth wash
18. What are Isotonic solutions?
19. Define Infusion and decoction
20. Write the composition of Effervescent granules
21. Application of Distillation
