

Rajiv Gandhi University of Health Sciences, Karnataka

First Semester B.Pharm Degree Examination – 07-Nov-2023

Time: Three Hours

Max. Marks: 75

PHARMACEUTICS – I

Q.P. CODE: 5003

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

All the questions are compulsory

LONG ESSAYS

2 x 10 = 20 Marks

- Define and classify emulsion. Explain various identification tests for emulsion

OR

Give the different types of suppository bases. List out various qualities of an ideal suppository base. Explain any two types of bases used for the preparation of suppositories

- Define prescription. Explain the various parts of prescription with a suitable examples

SHORT ESSAYS

7 x 5 = 35 Marks

- Explain significance of profession of pharmacy in relation to education and industry

OR

Classify dosage forms with examples

- Explain geometric dilution of powders with a suitable examples

OR

Give one formulae each to calculate child dose based on age, body weight and surface area

- Explain dusting powder with an example

- Write a note on stabilizers used in liquid dosage form

- Differentiate lotions and liniments

- Differentiate flocculated and deflocculated suspension

- Define ointment. Explain any two methods used for the preparation of ointment

SHORT ANSWERS

10 x 2 = 20 Marks

- Write any four salient features of first edition of Indian Pharmacopoeia

- Name any four monophasic dosage forms used externally

- Classify powders with examples

- How do you prepare of 50% alcohol from 80% alcohol and 30% alcohol by allegation method

- Define displacement value, give its significance

- Write any two examples for colouring agents and flavouring agents used in monophasic dosage forms

- Define elixirs and syrups with examples

- Write the primary emulsion formula for fixed oils and volatile oils

- Name two lubricants used for lubrication of suppository moulds

- Define isotonic and paratonic solutions
