

Rajiv Gandhi University of Health Sciences, Karnataka

First Semester B.Pharm Degree Examination – 19-Mar-2021

Time: Three Hours

Max. Marks: 75 Marks

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

1. Define Posology. Discuss various factors which affect the dose of drug

OR

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

2. Define emulsion. Explain stability problems of emulsion and methods to overcome

SHORT ESSAYS

7 x 5 = 35 Marks

3. Define simple and compound powder with example

OR

What's incompatibility? Discuss the reasons for physical incompatibility

4. List out methods of increasing the solubility, explain any one method

OR

Define prescription. Write about the sources of errors in prescription

5. What are suspensions? Differentiate flocculated and deflocculated suspensions

6. Define ointment. Brief about methods of preparation of ointment

7. Differentiate syrup and elixir

8. Define displacement value. How it is calculated

9. Define lotion. With an example explain preparation of a lotion

SHORT ANSWERS

10 x 2 = 20 Marks

10. Write various editions of Indian Pharmacopoeia

11. How many grams of a drug is required to make 120ml of a 25% w/v solution?

12. What are isotonic solutions?

13. Define stabilizers. Give example

14. Differentiate between mouth wash and gargle

15. What is herapathite incompatibility?

16. Define enema give an example

17. Give primary emulsion formula for fixed oil and volatile oil

18. Define eutectic powder with example

19. Define paste and cream
