

# Rajiv Gandhi University of Health Sciences, Karnataka

## First Semester B.Pharm Degree Examination – 17-Jun-2022

**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 prescription and explain their parts with example.  
**OR**  
Define and classify incompatibility. Explain physical incompatibility.
2. Define emulsion and explain the preparation methods of emulsions.

**SHORT ESSAYS****7 x 5 = 35 Marks**

3. Define powders. Explain the classifications of powders on the basis of their size.  
**OR**  
Define and classify dosage forms with example.
4. Define suppositories. Explain macrogols (PEG) as suppository base.  
**OR**  
How to prepare 700ml of 70% of alcohol using 40% and 90% alcohols respectively by allegation method.
5. Differentiate between lotion and liniment.
6. Define ointment. Explain any one method to prepare ointment.
7. Write a note on Indian Pharmacopoeia.
8. Write any two formulae to calculate child dose.
9. Define and classify suspension. Write advantages and disadvantages.

**SHORT ANSWERS****10 x 2 = 20 Marks**

10. Define cracking and creaming.
11. Define throat paint and mouthwash.
12. Define Isotonic solution and give an example.
13. Define Idiosyncrasy and Tachyphylaxis.
14. Define Elixir and syrup.
15. What is geometric dilution?
16. Give four examples of preservatives used in liquid dosage form.
17. What are creams, give example.
18. Define enemas, give example.
19. Give four examples of emulsifying agents.

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