

QP CODE: 102326

Reg. No:

First Year Pharm D Degree Supplementary Examinations May 2023

Paper II - Pharmaceutics

Time: 3 Hours

Total Marks: 70

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. What are Monophasic liquid Dosage forms. Discuss on various adjuvants needed to prepare them with suitable examples.
2. Define Galenical. Discuss on various types of extraction process involved in preparing the same with suitable examples.
3. What is Posology. Explain. List and discuss various factors affecting dose selection. (3+7)

Short notes:

(8x5=40)

4. Classify Incompatibilities. With example, discuss how it can be overcome.
5. Write briefly on emulsion stability and its evaluation.
6. What is Ear drops and Nasal drops. Write their applications giving suitable examples.
7. Write briefly on the importance of Indian Pharmacopoeia.
8. Write a typical prescription and show different parts of prescription
9. A patient has been prescribed 60 g of 0.2% w/w glyceryl trinitrate ointment for an anal fissure. The strength of glyceryl trinitrate ointments that are available in the shelf are 0.3% w/w and 0.1% w/w. Calculate and report how much of these to be mixed to dispense the prescribed ointment.
10. Calculate the child dose based on Clark's formula If the adult dose is 80 mg and 200 mg, and the weight of the child is 14 kg.
11. Define Hypotonic solution. How can you convert Hypotonic solution to Isotonic. Discuss. (2+3)
