



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
SECOND YEAR SECOND SEMESTER EXAMINATION IN BPharmHons - 2023
PHACE 2213 PHARMACEUTICS II

Date: 20.05.2025

Time: 02 Hours

Answer all four questions.

1. 1.1 1.1.1 State three (03) uses of enteric coated tablets. (10 Marks)
1.1.2 Name three (03) polymers used for enteric coating of tablets. (10 Marks)
- 1.2 Tablets produced by wet granulation method are suitable for post tableting techniques. Explain why? (30 Marks)
- 1.3 1.3.1 What is tablet capping? (10 Marks)
1.3.2 Briefly describe the causes leading to tablet capping. (40 Marks)
2. 2.1 2.1.1 Name the two (02) methods used in independent dosing system of capsule filling. (10 Marks)
2.1.2 Briefly describe the methods mentioned in 2.1.1. (30 Marks)
- 2.2 Write an account on the followings.
2.2.1 Use of wetting agents in capsule shell preparation. (30 Marks)
2.2.2 Capsule sealing methods. (30 Marks)
3. 3.1 3.1.1 List the ideal characteristics of ointment bases. (15 Marks)
3.1.2 Briefly discuss the following properties of ointments. (20 Marks)
3.1.2.1 Absorption and penetration into skin.
3.1.2.2 Stability. (25 Marks)
- 3.2 Briefly explain the following evaluation tests of creams.
3.2.1 Evaluation of pH. (20 Marks)
3.2.2 Spreadability. (20 Marks)
4. 4.1 4.1.1 List the types of suppository bases. (10 Marks)
4.1.2 Discuss the advantages and disadvantages of cocoa butter as a suppository base. (35 Marks)
- 4.2 State the factors affecting the selection of pharmaceutical packaging materials. (15 Marks)
- 4.3 Briefly explain how the following packages are produced.
4.3.1 Blister packages. (20 Marks)
4.3.2 Strip packages. (20 Marks)

19.05.25