



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

**THIRD YEAR FIRST SEMESTER EXAMINATION FOR DEGREE
OF BACHELOR OF SCIENCE IN BIOMEDICAL SCIENCE &
TECHNOLOGY WITH INFORMATION TECHNOLOGY**

MAIN CAMPUS

PPS 324: PHARMACEUTICS II

Date: 9th December, 2016

Time: 12.00 - 3.00pm

INSTRUCTIONS:

- Answer ALL Questions in Section A and any other TWO in Section B.



Section A

Attempt ALL questions

1. Illustrate the behaviour of powder during handling.
2. Characterize powder as can be produced through sieving as relates to milling duration.
3. Outline the excipients used in tableting.
4. Explain the role of starch in tableting.
5. Discuss the degree of wetness of bed in inert particles.
6. Define:
 - a. Drying
 - b. Percolation
7. List factors that influence efficiency of leaching in pharmaceutical practice.
8. Outline extraction of pyrethrins.
9. Explain:
 - a. Menstrum
 - b. Marc
10. Differentiate 1st from 2nd falling rates during removal of water flow inert particles.

Section B

Instructions: Answer only two questions (5 Marks each)

1. Discuss the role of starch in pharmaceutical production of solid dosage form.
2. Explain the importance of communication in the process of producing compressed tablets.
3. Differentiate evaporation from dry process in pharmaceutical manufacturing process.