BACHELOR OF PHARMACY HONOURS
FMU3203 - PHARMACEUTICS I – LEVEL3
FINAL EXAMINATION
DURATION: TWO HOURS

DATE: 28th FEBRUARY 2019 TIME: 1.30 P.M. – 3.30 P.M.

1.

1.1 State the meaning of the following terms with regard to filtration. **(08 Marks)**

i. Slurry

.....

ii. Filter medium

.....

iii. Filter cake

.....

iv. Filtrate

.....

1.2 List **four (04)** dryers used in pharmaceutical industry. **(02 Marks)**

i. .....

ii. .....

iii. .....

iv. .....

2.

2.1 List **four (04)** different vaginal dosage forms. **(04 Marks)**

i. .....

ii. .....

iii. .....

iv. .....

2.2 State **three (03)** characteristic features of parenteral dosage forms. **(06 Marks)**

i. .....

ii. .....

iii. .....

Part C – Structured Essay Questions (60 marks)

1.

1.1 Briefly explain the term 'extraction'. **(05 Marks)**

1.2 List **five (05)** advantages of extracts. **(10 Marks)**

1.3 Explain **five (05)** factors affecting the efficiency of the extraction process. **(15 Marks)**

2.

2.1 Define the term 'co-solvent' giving **two (02)** examples. **(05 Marks)**

2.2 List **five (05)** reasons as to why water is the most widely used vehicle for pharmaceutical products. **(10 Marks)**

2.3 Describe **three (03)** methods by which purified water is obtained to comply with USP standards. **(15 Marks)**