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THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY
THE ACADEMIC YEAR 2022/ 2023 – SEMESTER I

BACHELOR OF PHARMACY HONOURS
FMU3203 – PHARMACEUTICS I – LEVEL 3
FINAL EXAMINATION
DURATION: TWO (02) HOURS

DATE: 17TH MARCH 2023 TIME: 2.00 P. M. – 4.00 P.M.

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Part B – 02 Short Answer Questions – (20 Marks)

1.

1.1 Classify pharmaceutical incompatibilities. (03 marks)

I. .....

II. .....

III. .....

1.2 List four (04) methods that can be used to overcome physical incompatibilities of a pharmaceutical product (04 marks)

I. .....

II. .....

III. .....

IV. .....

1.3 Write three (03) types of equipment used for drying in the pharmaceutical industry. (03 marks)

I. .....

II. .....

III. .....

2.

2.1 Name two (02) filter aids used in the pharmaceutical industry. (02 marks)

I. .....

II. .....

Index No.....

2.2 Define 'Tinctures'. (04 marks)

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2.3 State four (04) conventional extraction methods. (04 marks)

I. .....

II. .....

III. .....

IV. .....

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Part C – 02 Structured Essay Question (60 Marks)

1.

1.1 Define the term prescription. (04 marks)
1.2 List five (05) main parts of a prescription. (10 marks)
1.3 Classify therapeutic incompatibilities. (06 marks)
1.4 Briefly describe therapeutic incompatibilities mentioned in 1.3 giving appropriate examples. (10 marks)

2.

2.1 What are extracts? (04 marks)
2.2 Write three (03) classes of extracts based on preparation methods. (06 marks)
2.3 Differentiate maceration and percolation. (08 marks)
2.3 Describe the factors that affect the efficiency of the extraction process. (12 marks)