THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY
ACADEMIC YEAR 2019/2020 – SEMSETER II

BACHELOR OF PHARMACY HONOURS
FMU3401- PHARMACOGNOSY I - LEVEL 3
FINAL EXAMINATION
DURATION: THREE (03) HOURS

The Open ... 12 AUG 2021 ... Department of Pharmacy

DATE: 13TH AUGUST 2021 **TIME: 9.30 A.M.- 12.30 P.M.**

Part – B (20 Marks)

1.

1.1. Briefly describe the term "Pharmacognosy" (03 marks)

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1.2 State two (02) types of medicinal agents with anti-inflammatory activity derived from marine sources. (02 marks)

I. .....

II. .....

1.3. Name any three (03) types of classifications available for crude drugs.

(03 marks)

I .....

II .....

III .....

1.4 State two (02) pharmaceutically important agents derived from mineral sources.

(02 marks)

I. .....

II. .....

Index No.....

Part C – (60 Marks)

Answer all questions.

1.

1.1 State two (02) types of lactones present in cardiac glycosides. (05 marks)

1.2. Briefly describe the structure activity relationship of cardiac glycosides. (10 marks)

2.

2.1. Define "plant growth regulators" ? (03 marks)

2.2. Briefly describe the functions of three (03) plant growth promoters. (12 marks)

3.

3.1. Name five (05) types of alkaloids with regard to the chemical classification. (05 marks)

3.2. Briefly describe the chemical nature and pharmaceutical uses of the crude drug Belladona. (10 marks)

4.

4.1. Name two (02) types of triterpenoid saponins. (05 marks)

4.2. Write short notes on the saponins mentioned in 4.1. (10 marks)

Index No.....

2.

2.1. Define the term "special isoprene rule"? (03 marks)

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2.2. Define "ergastic cell content"? (03 marks)

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2.3.Name four (04) pharmaceutically important fixed oils. (04marks)

I. .....

II. .....

III. .....

IV. .....