THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY
ACADEMIC YEAR 2018/2019 – SEMESTER II
BACHELOR OF PHARMACY HONOURS
FMU3401-PHARMACOGNOSY I-LEVEL 3
FINAL EXAMINATION
DURATION: 3 HOURS

07 NOV 2019
EXAMINATION DIVISION

(8)

DATE: 07TH OF NOVEMBER 2019 TIME: 9.30 A.M.-12.30 P.M.

Part – B (20 Marks)

1.

1.1. What is meant by Pharmacognosy? (03 marks)

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1.2 Write two (02) algal gelling agents. (02 marks)

I. .....

II. .....

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

(03 marks)

I. .....

II. .....

III. .....

1.4 Write two (02) important pharmaceuticalagents derived from mineral sources. (02 marks)

I. .....

II. .....

Index No.....

Part C – (60 Marks)

Answer all questions.

1.

1.1 Name the two (02) types of lactones present in cardiac glycosides and draw their structures. (05 marks)

1.2. Describe briefly the structure activity relationship of cardiac glycosides. (10 marks)

2.

2.1. List three (03) types of classifications ofalkaloids. (03 marks)

2.2. Write short notes on pharmaceutical importance of following. (12 marks)

I. Belladona

II. Datura

III. Coca

3.

3.1. Name five (05) types of pharmaceutically important agents from marine sources. (05 marks)

3.2. Briefly describe about antiviral agents derived from marine sources. (10 marks)

4.

4.1. Briefly explain Ergastic cell content? (05 marks)

4.2. Name the parts of a plant cell using a diagram. (10 marks)

Index No.....

2.

2.1. State the special isoprene rule. (04 marks)

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2.2. What is the type of terpenoid present in Taxol? (01 marks)

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2.3.Briefly explain the pharmaceutical uses of Taxol. (05 marks)

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