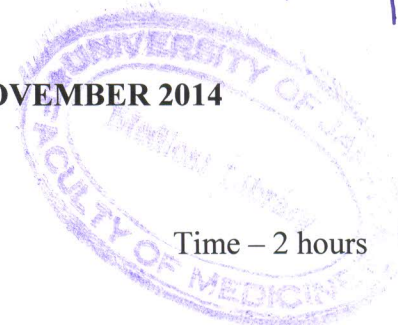


Library Copy

UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY
SECOND YEAR FIRST SEMESTER EXAMINATION – NOVEMBER 2014
PHACG 2105 PHARMACOGNOSY I
PART II



Date: 04.12.2014

Time – 2 hours

ANSWER ALL THE EIGHT QUESTIONS.

- 1 Write short notes on
 - 1.1 Scope of pharmacognosy. (40 Marks)
 - 1.2 Ayurvedic system of medicine. (60 Marks)

- 2
 - 2.1 What factors affect the 'Cultivation' of medicinal plants? (25 Marks)
 - 2.2 Describe the advantages and disadvantages of cultivation. (75 Marks)

- 3
 - 3.1 What is meant by 'Crude drug'? (15 Marks)
 - 3.2 Write an account on collection of crude drugs. (60 Marks)
 - 3.3 Differentiate the 'organized crude drug' from 'unorganized crude drug'. (25 Marks)

- 4
 - 4.1 List two leaves which have medicinal value. (10 Marks)
 - 4.2 Describe the biological source, cultivation, macroscopic characters, other chemical constituents and uses of the each drug contain the following chemical constituent.
 - 4.2.1 Anthraquinone glycoside. (45 Marks)
 - 4.2.2 Strychnine. (45 Marks)

- 5 Write an account on
 - 5.1 asbestos. (35 Marks)
 - 5.2 benzoin. (30 Marks)
 - 5.3 castor oil. (35 Marks)

- 6
 - 6.1 Classify the enzymes with examples. (20 Marks)
 - 6.2 Describe the properties of enzymes. (30 Marks)
 - 6.3 Explain the uses of five (05) natural plant hormones. (50 Marks)

- 7
 - 7.1 Define the term 'Adulteration' (15 Marks)
 - 7.2 List the types of adulterants with examples. (40 Marks)
 - 7.3 Briefly describe the methods to ensure the identification and determination of the quality and purity of herbal drug. (45 Marks)

- 8
 - 8.1 Classify the fibers according to their sources with examples. (35 Marks)
 - 8.2 Write an account on "cotton" with reference to the biological source, preparation, chemical constituents, uses and storage. (65 Marks)