

UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY
SECOND YEAR FIRST SEMESTER EXAMINATION – AUGUST 2016
PHACG 2154 PHARMACOGNOSY – PAPER II

Date: 18.08.2016

Time: 02 Hours

Answer all eight questions

1.
 - 1.1 Briefly explain the different classification systems used for the crude drugs. (60 marks)
 - 1.2 Differentiate organized and unorganized drugs. (40 marks)

2.
 - 2.1 What is meant by adulteration of crude drugs? (10 marks)
 - 2.2 List and explain the various ways by which adulteration of crude drugs may occur. (30 marks)
 - 2.3 Briefly describe the different types of adulterants of crude drugs. (60 marks)

3.
 - 3.1 List the active constituents and medicinal uses of opium. (20 marks)
 - 3.2 Briefly explain how
 - 3.2.1 latex is collected from opium capsules. (40 marks)
 - 3.2.2 cotton fibers are prepared. (40 marks)

4.
 - 4.1 Enumerate the different leaf constants used to diagnose herbal drugs. (30 marks)
 - 4.2 List the physical parameters that are used for the evaluation of herbal drugs. (20 marks)
 - 4.3 Briefly describe the methods employed to find out the pesticide residues in herbal drugs. (50 marks)

5.
 - 5.1 List three medicinally important essential oils. (15 marks)
 - 5.2 Enumerate the general properties of essential oils. (25 marks)
 - 5.3 Briefly explain the different methods used for the preparation of essential oils. (60 marks)

- 6.
- 6.1 List the different parts of plants that are used medicinally with one example for medicinal use of each part. (40 marks)
 - 6.2 Write a pharmacognostic note on following with reference to collection, chemical constituents and medicinal/pharmaceutical uses.
 - 6.2.1 Vinca (30 marks)
 - 6.2.2 Acasia (30 marks)
7. Give an account on the following for the Senna and Cinnamon.
- 7.1 Biological source (20 marks)
 - 7.2 Active constituents (20 marks)
 - 7.3 Method of collection (40 marks)
 - 7.4 Medicinal uses (20 marks)
8. Write a note on
- 8.1 role of plant growth regulators in the cultivation of medicinal plants. (40 marks)
 - 8.2 Homoeopathy medicine. (60 marks)

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