

UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
SECOND YEAR FIRST SEMESTER EXAMINATION IN BPharmHons- 2020
PHACG 2123 PHARMACOGNOSY I

Date: 09 JUN 2022

Time: 02 Hours

Answer all Four questions

1. 1.1 1.1.1 Classify crude drugs. (10 Marks)
1.1.2 Write the advantages and disadvantages of each classification that is mentioned in 1.1.1. (40 Marks)
- 1.2 1.2.1 Differentiate organized and unorganized drugs. (10 Marks)
1.2.2 Give five (05) examples for organized and unorganized drugs. (10 Marks)
1.2.3 Briefly explain the different plant cell inclusions. (30 Marks)

2. 2.1 List the compounds that are produced by acetate pathway. (10 Marks)
2.2 Name the pathway that is involved in the synthesis of terpenoids. (10 Marks)
2.3 Briefly explain the different steps involved in the pathway mentioned in 2.2. (40 Marks)
2.4 2.4.1 What are nutraceuticals? (10 Marks)
2.4.2 Write down the advantages of
2.4.2.1 antioxidants. (20 Marks)
2.4.2.2 dietary fibres. (10 Marks)

3. 3.1 3.1.1 What is adulteration? (10 Marks)
3.1.2 Briefly describe the microscopical evaluation of crude drugs. (40 Marks)
3.2 3.2.1 List the advantages of seed propagation. (10 Marks)
3.2.2 Discuss the different factors that affect the cultivation of crude drugs. (40 Marks)

4. 4.1 Describe briefly on the different cardiovascular active drugs obtained from marine sources. (30 Marks)
4.2 Write down the different antimicrobial substances obtained from marine sources. (20 Marks)
4.3 Write an account on the
4.3.1 asbestos. (10 Marks)
4.3.2 bentonite. (20 Marks)
4.3.3 Fuller's earth. (20 Marks)