

UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
SECOND YEAR FIRST SEMESTER EXAMINATION IN BPHARM Hons - 2019
PHACG 2154 PHARMACOGNOSY-PAPER II

Date: 16.12.2021

Time: 02 Hours

Answer all EIGHT questions

1. 1.1 What do you mean by Traditional medicine? (10 Marks)
- 1.2 Discuss briefly on different types of traditional medicine practices followed in Sri Lanka. (90 Marks)

2. 2.1 Classify crude drugs. (35 Marks)
- 2.2 Explain briefly on any one of the classification systems mentioned in 2.1. (65 Marks)

3. 3.1 Write down the compounds produced by acetate pathway. (30 Marks)
- 3.2 Name the pathway involved in the synthesis of terpenoids. (10 Marks)
- 3.3 Briefly explain the steps involved in shikimate pathway. (60 Marks)

4. 4.1 What is adulteration? (10 Marks)
- 4.2 Briefly explain the types of adulteration in herbal drugs. (40 Marks)
- 4.3 Write a short note on evaluation of herbal drugs using
 - 4.3.1 chemical methods. (25 Marks)
 - 4.3.2 physical methods. (25 Marks)

5. 5.1 List four (04) drugs obtained from marine sources. (20 Marks)
- 5.2 Explain briefly the drugs mentioned in 5.1. (80 Marks)

6. 6.1 Write down the uses of
 - 6.1.1 kaolin. (25 Marks)
 - 6.1.2 talc. (25 Marks)
- 6.2 Write down a identification chemical test for
 - 6.2.1 calamine. (20 Marks)
 - 6.2.2 paraffin. (20 Marks)
- 6.3 List out the chemical constituents of Fuller's earth. (10 Marks)

7. 7.1 Classify fiber and give example for each. (20 Marks)
- 7.2 Write a short note on
- 7.2.1 preparation of cotton. (50 Marks)
- 7.2.2 flax. (30 Marks)
8. 8.1 List different pest control methods. (20 Marks)
- 8.2 Write down the preferred requirements of pesticides. (30 Marks)
- 8.3 Classify insecticides based on their action. (20 Marks)
- 8.4 Briefly explain each type of insecticides mentioned in 8.3 (30 Marks)