

UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
SECOND YEAR FIRST SEMESTER EXAMINATION IN BPharmHons- 2020
PHACG 2154 PHARMACOGNOSY-PAPER II

Date: 09 JUN 2022

Time: 02 Hours

Answer all EIGHT questions

1. 1.1 Classify crude drugs crude drugs. (35 Marks)
- 1.2 Write the advantages and disadvantages of each classifications that is mentioned in the 1.1. (65 Marks)
2. 2.1 Differentiate organized and unorganized drugs. (40 Marks)
- 2.2 Write an account on plant cell inclusions. (60 Marks)
3. 3.1 Name the pathway that is involved in the synthesis of terpenoids. (10 Marks)
- 3.2 Write down the compounds that are produced by acetate pathway. (30 Marks)
- 3.3 Briefly explain the different steps involved in acetate pathway. (60 Marks)
4. 4.1 What is adulteration? (20 Marks)
- 4.2 Explain how quality of crude drugs is evaluated by
 - 4.2.1 chemical methods. (25 Marks)
 - 4.2.2 physical methods. (25 Marks)
 - 4.2.3 microscopical methods. (30 Marks)
5. 5.1 Briefly discuss the advantages of seed propagation. (20 Marks)
- 5.2 Discuss the different factors that affect the cultivation of crude drugs. (80 Marks)
6. 6.1 Describe briefly on the cardiovascular active drugs obtained from marine sources. (70 Marks)
- 6.2 Write down antimicrobial substances obtained from marine sources. (30 Marks)
7. 7.1 What are nutraceuticals? (10 Marks)
- 7.2 Write a short note on
 - 7.2.1 antioxidants. (40 Marks)
 - 7.2.2 probiotics. (20 Marks)
 - 7.2.3 dietary fibres. (30 Marks)

8. 8.1 List the different pest control methods. (10 Marks)
- 8.2 Write down the characteristics of an ideal pesticide. (40 Marks)
- 8.3 Briefly explain the different types of insecticides based on their action. (50 Marks)