



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
SECOND YEAR FIRST SEMESTER EXAMINATION IN BPharmHons- 2023
PHACG 2123 PHARMACOGNOSY I

Date: 05.12.2024

Time: 02 Hours

Answer all four (04) questions

1.
 - 1.1 Classify the crude drugs. (20 Marks)
 - 1.2 Give the advantages and disadvantages of each class mentioned in 1.1. (60 Marks)
 - 1.3 Write a short note on permanent tissue. (20 Marks)

2.
 - 2.1 List the secondary metabolite pathways. (10 Marks)
 - 2.2 Name the pathway involved in the synthesis of (30 Marks)
 - 2.2.1 terpenoids.
 - 2.2.2 phenylephrine.
 - 2.2.3 fatty acid.
 - 2.2.4 lignin.
 - 2.2.5 prostaglandin.
 - 2.2.6 polyketides.
 - 2.3 Briefly explain the pathway mentioned in 2.2.1 (60 Marks)

3.
 - 3.1 List the types of traditional medicine practiced in Sri Lanka. (10 Marks)
 - 3.2 Briefly describe two (02) types mentioned in 3.1. (40 Marks)
 - 3.3 Briefly explain the different steps of standardization involved in development of herbal formulations from crude drugs. (50 Marks)

4.
 - 4.1 Classify fibres. Give one (01) example for each type. (20 Marks)
 - 4.2 Write down the cardiovascular active drugs and their marine sources. (20 Marks)
 - 4.3 List five (05) crude drugs from mineral sources. Give one (01) pharmaceutical use for each drug. (20 Marks)
 - 4.4 Write an account on
 - 4.4.1 Antioxidants. (20 Marks)
 - 4.4.2 Probiotics. (20 Marks)