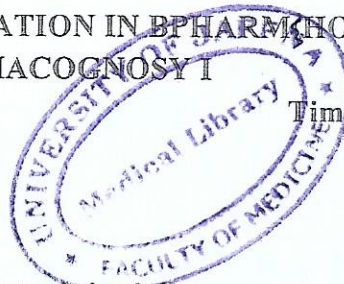


UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
SECOND YEAR FIRST SEMESTER EXAMINATION IN PHARMACOLOGY- 2022
PHACG 2123 PHARMACOGNOSY I

Date: 22 NOV 2023

Time: 02 Hours

Answer all questions



1. 1.1 Discuss the future scope for pharmacognosy. (50 Marks)
- 1.2 Explain the difference between organized and unorganized drugs. (25 Marks)
- 1.3 Write a brief account on ergastic substances in plant cell. (25 Marks)

2. 2.1 List the compounds produced by acetate pathway. (30 Marks)
- 2.2 Name the pathway involved in the synthesis of terpenoids. (10 Marks)
- 2.3 Briefly explain the steps involved in shikimate pathway. (60 Marks)

3. 3.1 What is adulteration in drugs of natural origin. (10 Marks)
- 3.2 Briefly explain the types of adulteration with examples. (40 Marks)
- 3.3 List the extraction methods employed in the preparation of crude drug. (25 Marks)
- 3.4 Write a brief account on biological evaluation of crude drugs. (25 Marks)

4. 4.1 List five marine-based drugs. (15 Marks)
- 4.2 Write down the uses of
 - 4.2.1 bentonite. (15 Marks)
 - 4.2.2 calamine. (15 Marks)
 - 4.2.3 talc. (15 Marks)
- 4.3 List out the chemical constituents of Fuller's earth. (10 Marks)
- 4.4 Write a short note on cotton. (30 Marks)