

CONFIDENTIAL



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
(TAKE HOME)
SEMESTER I
SESSION 2020/2021**

COURSE NAME : PHYTOMEDICINE
COURSE CODE : BWJ 41103
PROGRAMME CODE : BWW
EXAMINATION DATE : JANUARY / FEBRUARY 2021
DURATION : 3 HOURS
INSTRUCTIONS : ANSWER ALL QUESTIONS
OPEN BOOK EXAMINATION

THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES

TERBUKA

CONFIDENTIAL

CONFIDENTIAL
UNIVERSITI TUN HUSSEIN ONN MALAYSIA
JALAN SUTERA UTAMA, SKUDAI, JOHORE BAHRU, JOHOR, MALAYSIA
75150
TEL: (07) 5520800
FAX: (07) 5520801
WWW.UTHM.MY

CONFIDENTIAL

- Q4** (a) Herbal medicine is still considered as complementary and alternative treatment for diseases. Using your knowledge in herbal medicine, demonstrate what can be done to mainstreaming herbal medicine for human population. (10 marks)
- (b) Many Malaysian herbs have been used traditionally to treat malaria.
- (i) List **SIX (6)** plants that have been shown scientifically to display potent anti-malaria potential. (6 marks)
- (ii) From your answer in **Q4(b)(i)**, highlight the major phytochemicals which might contribute to the anti malaria effects. (3 marks)
- (iii) From your answer in **Q4(b)(ii)**, explain the mechanism of action on how each phytochemical can act as an anti-malaria agent. (6 marks)

- END OF QUESTIONS -

TERBUKA