



**UNIVERSITI TUN HUSSEIN ONN
MALAYSIA**

**FINAL EXAMINATION
SEMESTER I
SESSION 2021/2022**

COURSE NAME : HUMAN COMPUTER
INTERACTION

COURSE CODE : DAT 10102

PROGRAMME CODE : DAT

EXAMINATION DATE : JANUARY / FEBRUARY 2022

DURATION : 2 HOURS

INSTRUCTION : 1. ANSWER ALL QUESTIONS

2. THIS FINAL EXAMINATION
IS AN **ONLINE ASSESSMENT**
AND CONDUCTED VIA **CLOSE**
BOOK

THIS QUESTION PAPER CONSISTS OF **TWO (2) PAGES**

- Q1** Human-Computer Interaction (HCI) is a multidisciplinary field of study focusing on the design of computer technology and, in particular, the interaction between humans (the users) and computers. While initially concerned with computers, HCI has since expanded to cover almost all forms of information technology design.
- (i) Discuss the **THREE (3)** components of HCI. (15 marks)
 - (ii) Identify **FIVE (5)** main factors of HCI with its description. (10 marks)
- Q2** HCI has come a long way since the 1980s which evolving from a single focus on scientific testing to the complex role of explaining and generating new designs.
- (i) Elaborate on the **THREE (3)** waves of HCI. (15 marks)
 - (ii) Discuss the **FIVE (5)** disciplines involved in HCI. (10 marks)
- Q3** Elaborate on the **FOUR (4)** phases involved in Task-centered system design (TCSD) in HCI which are Identification, Requirements, Design and Walkthrough Evaluations. (25 marks)
- Q4** Explain the **FOUR (4)** core evaluation paradigms in HCI. (25 marks)

- END OF QUESTIONS -

