



UNIVERSITI TUN HUSSEIN ONN MALAYSIA

FINAL EXAMINATION
SEMESTER II
SESSION 2021/2022

- COURSE NAME : INTRODUCTION TO MULTIMEDIA
- COURSE CODE : BIT 10403
- PROGRAMME CODE : BIT
- EXAMINATION DATE : JULY 2022
- DURATION : 3 HOURS
- INSTRUCTION :
1. ANSWER ALL QUESTIONS
 2. THIS FINAL EXAMINATION IS AN **ONLINE** ASSESSMENT AND CONDUCTED VIA **CLOSED BOOK**.
 3. STUDENTS ARE **PROHIBITED** TO CONSULT THEIR OWN MATERIAL OR ANY EXTERNAL RESOURCES DURING THE EXAMINATION CONDUCTED VIA CLOSED BOOK.

THIS QUESTION PAPER CONSISTS OF **THREE (3)** PAGES

- Q3**
- (a) Give **TWO (2)** factors that are often considered when choosing video file type.
(4 marks)

 - (b) Calculate uncompressed video file size with stereo audio (in megabytes) for a one minute Full HD video, 24-bit color, 30 fps.
(16 marks)

 - (c) Larger file size can have a low data rate if it is a long video. Apply **TWO (2)** strategies for reducing digital image and audio file size.
(4 marks)

-END OF QUESTIONS-

