UTHM
Universiti Tun Hussein Onn Malaysia

UNIVERSITI TUN HUSSEIN ONN MALAYSIA

FINAL EXAMINATION
SEMESTER II
SESSION 2016/2017

TERBUKA

COURSE NAME	:	INTRODUCTION TO MULTIMEDIA
COURSE CODE	:	BIT 10403
PROGRAMME CODE	:	BIT
EXAMINATION DATE	:	JUNE 2017
DURATION	:	2 HOURS AND 30 MINUTES
INSTRUCTION	:	ANSWER **ALL** QUESTIONS

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

Q1   Questions **Q1(a)-Q1(c)** are based on the given scenario.

You are given a project to produce a digital video for a television advertising. The video uses 24-bit colour, 320 x 288 pixel screen size and 25 per second frame rate.

(a)   Write the formula to calculate a video file size.

(4 marks)

(b)   Calculate the video file size if the time given is one (1) minute.

(10 marks)

(c)   Explain **FOUR (4)** reasons why the use of digital video is important in a multimedia presentation.

(12 marks)

Q2   Questions **Q2(a)-Q2(d)** are based on the given scenario.

UTHM Multimedia Production is going to produce an educational courseware to encourage school children to improve their understanding in Mathematics. The company has decided to use the Malaysia or local content as the theme for user interface design.

(a)   Discuss **THREE (3)** golden rules of user interface design.

(9 marks)

(b)   Design **FOUR (4)** storyboards for the courseware .

(12 marks)

(c)   Justify **ONE (1)** authoring metaphor that appropriate with the local content theme.

(5 marks)

(d)   Explain **TWO (2)** factors to consider in choosing the authoring tools for the project.

(8 marks)

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Q3　(a)　List **TWO (2)** differences of Cel Animation and Computer Animation.

(4 marks)

(b)　Discuss **FOUR (4)** issues why hypertext documentation become disoriented.

(8 marks)

(c)　Explain **FOUR (4)** advantages of Standard Generalized Mark-up Language (SGML).

(8 marks)

- END OF QUESTION –

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