

 **INTI** International
University & Colleges

FINAL
Examination Paper

(COVER PAGE)

Session : APRIL 2018

Programme : Diploma In Information And Communication Technology (DICTN)
Diploma In Information Technology (DITN)

Course : ICT2108: Digital Image Editing

Date of Examination : 02 August, 2018 (Thursday)

Time : 11:00am – 1:00pm Reading Time : Nil

Duration : 2 Hours

Special Instructions :

Answer any **FOUR (4)** questions.

Materials permitted : Non-Programmable Calculator

Materials provided : Nil

Examiner(s) : Andrew Ho Mun Wah and Shirley

Moderator : Robina Tinawin

This paper consists of 4 printed pages, including the cover page

DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY PROGRAMME
(DICTN)
DIPLOMA IN INFORMATION TECHNOLOGY PROGRAMME (DITN)
ICT2108: DIGITAL IMAGE EDITING
FINAL EXAMINATION: APRIL 2018 SESSION

Instruction: This paper consists of **SIX (6)** questions. Answer any **FOUR (4)** questions in the answer booklet provided. All questions carry equal marks.

Question 1

- a. i. Explain in detail the term “Multimedia Application”. (3 marks)
- ii. List and briefly explain **FOUR (4)** categories of Multimedia Application with example for each category. (12 marks)
- b. Name **FIVE (5)** types of digital camera that can create a digital image. (5 marks)
- c. List any **FIVE (5)** file extension for digital image. (5 marks)

Question 2







- a. Define “pixel”. Explain how “Pixels-per-Inch (PPI)” influences a digital image quality. (5 marks)
- b. Identify and describe **FIVE (5)** types of layers that are use when editing a digital image. (10 marks)
- c. i. Name **FOUR (4)** components of a vector graphic. (4 marks)
- ii. Explain specifically how a vector graphic is different as compared to a bitmap image. (6 marks)

Question 3

- a. Name **FOUR (4)** vector graphic file format. (4 marks)
- b. Explain the function for *each* of the following Adobe Photoshop panel below:-
- i. Brush
 - ii. Character
 - iii. Color
 - iv. History
 - v. Swatches
- (10 marks)

- c. Define the term “Rasterize Type” and briefly explain **TWO (2)** advantages of using it. (5 marks)
- d. Identify and explain **TWO (2)** types of compression for bitmap images using suitable example. (6 marks)

Question 4

- a. Name and briefly explain the following basic bitmap image manipulation tools:-
- i. 
 - ii. 
 - iii. 
 - iv. 
- (8 marks)
- b. Name and briefly explain the following basic color correction tools:-
- i. 
 - ii. 
- (4 marks)
- c. List and explain **THREE (3)** color models that are common for a digital image. (9 marks)
- d. Identify **TWO (2)** color combinations for color contrast and color unity. (4 marks)

Question 5

- a. Define the term “gamut” in Adobe Photoshop. (3 marks)
- b. Explain the following color related terms for a digital photo:-
- i. Exposure
 - ii. Tint
 - iii. Shade
 - iv. Tone
- (8 marks)
- c. Explain the following that is related to advance image editing technique:-
- i. Anti-aliasing
 - ii. Smart filter
- (4 marks)
- d. Name and briefly explain **FIVE (5)** categories of filters in Adobe Photoshop. (10 marks)

Question 6

When preparing images for commercial printing and for the web distribution, various and differing considerations are required.

- a. List and explain **FOUR (4)** specific considerations when preparing image for commercial printing.

(10 marks)
- b. List and explain **FOUR (4)** specific considerations when preparing image for web distribution.

(10 marks)
- c. Identify the appropriate digital image file extension for *each* of the following prepared productions:-
 - i. E-brochure
 - ii. Logo of a web site
 - iii. Large print-sized movie poster
 - iv. Wedding photo
 - v. Billboard

(5 marks)

~ **The End** ~
ICT2108 (F)/Apr18