

 **INTI** International
University & Colleges

FINAL
Examination Paper

(COVER PAGE)

Session : JANUARY 2018

Programme : Diploma In Information And Communication Technology (DICTN)

Course : ICT2108: Digital Image Editing

Date of Examination : 3 March, 2018 (Saturday)

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

Duration : 2 Hours

Special Instructions :

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

Materials permitted : NIL

Materials provided : NIL

Examiner(s) : Andrew Ho Mun Wah

Moderator : Robina Tinawin

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

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY PROGRAMME
(DICTN)

ICT2108: DIGITAL IMAGE EDITING
FINAL EXAMINATION: JANUARY 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) List **FIVE (5)** digital capturing device to create a digital image file. (5 marks)
- (b) Identify and explain **FIVE (5)** categories of Multimedia application with examples. (15 marks)
- (c) Most digital images contain metadata embedded in it.
 - (i) Name **TWO (2)** metadata format for digital image. (2 marks)
 - (ii) State any **THREE (3)** metadata information germane to the original image at the moment it is made. (3 marks)

Question 2

- (a) Distinguish and explain **TWO (2)** differences between the Bitmap image and the Vector graphic. For *each* type, list **ONE (1)** example of file extension. (10 marks)
- (b) Name **FIVE (5)** types of layers that are use when editing with a digital image. (5 marks)
- (c) Identify and describe **FIVE (5)** considerations when preparing digital images for web distribution. (10 marks)

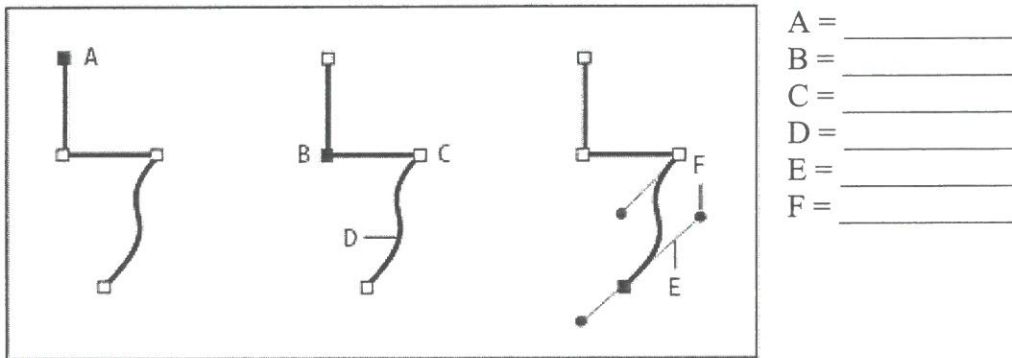
Question 3

- (a) Name **FOUR (4)** examples of digital image file that are commonly created as part of the user interface element of a web page. (4 marks)
- (b) List and explain **FOUR (4)** types of bitmap images. (10 marks)
- (c) Describe **TWO (2)** reasons for using duotone mode for a bitmap image. (4 marks)

- (d) Three-dimensional (3-D) graphics is an image that provides the perception of depth.
- (i) List **THREE (3)** three-dimensional graphics file format. (3 marks)
 - (ii) With the use of an appropriate example, explain the perspective drawing method to draw 3-D graphics. (4 marks)

Question 4

- (a)
- (i) Label the following components of a vector path. (6 marks)



- (ii) Name the vector drawing tool to create a vector path. (1 mark)
- (b) Identify and describe **FIVE (5)** important setup for the digital image when preparing it for commercial printing. (10 marks)
- (c) State the most suitable digital image file format that should be prepared for each of the following work documents that is meant to be commercially printed.
- (i) Large banner
 - (ii) Poster for a consumer product
 - (iii) Artwork logo of a company
 - (iv) Resume (4 marks)
- (d) List **FOUR (4)** selection tools in Adobe Photoshop. (4 marks)

Question 5

- (a) State **FOUR (4)** ways to sample color in Adobe Photoshop. (4 marks)
- (b) Describe **SEVEN (7)** panels in Adobe Photoshop. (7 marks)
- (c) Being able to remove unwanted content in a digitized photo has long been a routine task for a graphic designer.
- (i) List **FOUR (4)** examples of unwanted content in a digitized photo. (4 marks)
- (ii) Identify and explain **FOUR (4)** tools that are used to remove unwanted content from a digitized photo. (10 marks)

Question 6

- (a) (i) Define the Pantone Matching System (PMS) in relation to color. (2 marks)
- (ii) Distinguish the difference between PMS C and PMS U. (3 marks)
- (b) List and explain **THREE (3)** types of color models. (9 marks)
- (c) Contrast in a digital image is the visual ratio of different tones in an image.
- (i) Identify and explain **THREE (3)** types of contrast that a graphic designer would desire to achieve in an image. (6 marks)
- (ii.) Name **FIVE (5)** tools that you can use to do contrast for an image. (5 marks)

~The End~