

 **INTI** International
University & Colleges

FINAL
Examination Paper

(COVER PAGE)

Session : AUGUST 2018

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

Course : ICT2108: Digital Image Editing

Date of Examination : 12 December 2018, (Wednesday)

Time : 2:00pm – 4:00pm Reading Time : Nil

Duration : 2 Hours

Special Instructions :

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

Materials permitted : Non-Programmable Calculator

Materials provided : Nil

Examiner(s) : Yogeswari Suppiah and Shirley Awe

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: AUGUST 2018 SESSION

Instructions: 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) Explain the term “Multimedia Application”. Discuss **THREE (3)** categories of Multimedia Application with example for each category (15 marks)
- (b) List and elaborate **TWO (2)** types of graphics and list **TWO (2)** advantages for each. (10 marks)

Question 2

- (a) Explain additive and subtractive colors. (10 marks)
- (b) Draw and label the color model for both additive and subtractive color. (9 marks)
- (c) List the usage of both additive and subtractive color with the **TWO (2)** examples of publications. (6 marks)

Question 3

- (a) Explain the function of each Photoshop panel below:
i. Swatch
ii. Color
iii. History
iv. Filter
v. Paragraph (10 marks)
- (b) Define the term Smart Object on the layer panel and explain the usage. (5 marks)
- (c) Identify and explain **FIVE (5)** tools used for image retouching or manipulation. (10 marks)

Question 4

- (a) Define the terms vector and bitmap graphics. (6 marks)
- (b) Explain **TWO(2)** advantages and/or disadvantages of both vector and bitmap graphics. (8 marks)
- (c) Identify the **TWO (2)** programs for both bitmap and vector graphics and the publication produced by each program. (6 marks)
- (d) Give **THREE (3)** examples of file format for bitmap and **TWO (2)** vector graphics (5 marks)

Question 5

- (a) Identify and explain **SIX (6)** selection tools used in Photoshop. (12 marks)
- (b) Explain **FIVE (5)** possible outcomes from using selection tools while designing. (5 marks)
- (c) Explain **FOUR (4)** differences between the usage of selection tool and masking in the process of removing background of an image. (8 marks)

Question 6

- (a) Identify **TWO (2)** color combinations for each category in order to create:
 - i. contrast
 - ii. unity(4 marks)
- (b) Define the term gamut in Photoshop. (2 marks)
- (c) Identify and explain the suitable color modes, resolution and file format for the following productions:
 - i. brochure
 - ii. wedding photo
 - iii. web banner(9 marks)

(d) Explain the following terms:

- i. brightness
- ii. contrast
- iii. hue
- iv. saturation
- v. lightness

(10 marks)

~ The End ~

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