



FINAL
Examination Paper

(COVER PAGE)

Session : AUGUST 2017

Programme : Diploma In Information And Communication Technology (DICTN)

Course : ICT2108: Digital Image Editing

Date of Examination : 9 December, 2017 (Saturday)

Time : 5:00 pm – 7:00 pm Reading Time : Nil

Duration : 2 Hours

Special Instructions :

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

Materials permitted : Non-Programmable Calculator

Materials provided : Nil

Examiner(s) : Shirley Awe and Yogeswari

Moderator : Robina Tinawin

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

DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY
PROGRAMME (DICTN)
ICT2108: DIGITAL IMAGE EDITING
FINAL EXAMINATIONS: AUGUST 2017 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) Explain the term “Multimedia Application”. Discuss **THREE (3)** categories of Multimedia Application with example for each category
(15marks)
- (b) Name and elaborate **TWO (2)** types of graphics and list **TWO (2)** advantages for each.
(10 marks)

Question 2

- (a) Define the following terms and concepts related to Digital Image Editing.
(15 marks)
- i. Multimedia
 - ii. Pixelization
 - iii. Lossy Compression
 - iv. Resolution
 - v. Digitization
- (b) Name and describe the function of the tools below:

- i. 
- ii. 
- iii. 
- iv. 
- v. 

(10 marks)

Question 3

- (a) Discuss the differences between additive and subtractive colors. (8 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)
- (d) Explain the suitable color model to produce an advertisement for an e-brochure. (2 marks)

Question 4

- (a) Explain the function of each Photoshop panel below:
i. Layers
ii. Color
iii. Tool Bar
iv. Swatches
v. Character (10marks)
- (b) Define the terms pixelization on an image and explain measure to prevent pixelization on an image. (5 marks)
- (c) Identify **FIVE (5)** tools used for selecting objects. (5 marks)
- (d) Explain the **TWO (2)** usage/applications of the selection tool in image editing process. (5 marks)

Question 5

- (a) Adobe Photoshop elements provides selection tools for different kinds of selections. List and explain the **FIVE (5)** selection tools used in Adobe Photoshop CS6. (10 marks)
- (b) Differentiate the terms and concepts related to Digital Image Editing.
- i. Raster Images vs Draw-Type Images (7 marks)
 - ii. Addictive Color Model vs Subtractive Color Model (8 marks)

Question 6

- (a) Discuss the best document settings for an A3 sized print advertisement. Identify the best setting for resolution, orientation and color mode and reasons for each setting. (12 marks)
- (b) Discuss the best color combinations with example from the color wheel in order to create
- i. contrast
 - ii. unity (10 marks)
- (c) Define the term monochromatic in color theory. (3 marks)