FINAL
Examination Paper

(COVER PAGE)

Session : August 2015
Programme : Diploma In Information And Communication Technology (DICTN)
Course : ICT2108: Digital Image Editing
Date of Examination : December 7, 2015
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) : Mr. Eric Sow Seah Kuan and Ms. Shirley Awe
Moderator : Ms. Robina Tinawin

This paper consists of 3 printed pages, including the cover page
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) What are colour models? List and describe FOUR (4) types of colour models. (13 marks)

(b) Differentiate between Linear and Non-linear structure. Give ONE (1) example for each category. (6 marks)

(c) State and explain TWO (2) types of compression. List ONE (1) file format for each of that compression you have described. (6 marks)

Question 2

(a) Define the term multimedia and describe how each multimedia element can be used in Science and Engineering sector with appropriate example. (13 marks)

(b) List and explain any SIX (6) tools that can be used to repair images. (12 marks)

Question 3

(a) Explain the function of each Photoshop panel below:
   (i) Layers
   (ii) Color
   (iii) Tool Bar
   (iv) Swatches
   (v) Character (10 marks)

(b) Discuss the best document settings for an A3 sized print advertisement. Identify the best setting for resolution, orientation and color mode with reasons. (6 marks)

(c) There are THREE (3) types of resolutions in computer graphics. Name and explain each of them. (9 marks)
Question 4

(a) Name and explain TWO (2) types of graphics and list TWO (2) advantages for each. (10 marks)

(b) What is Multimedia Application? Discuss the THREE (3) categories of Multimedia Application, and provide an example for each category. (15 marks)

Question 5

(a) List and explain any FIVE (5) types of Colour Adjustment Command. (10 marks)

(b) A selection isolates one or more parts of your image. List and explain the FIVE (5) types of selection tools in Adobe Photoshop. (15 marks)

Question 6

(a) Name and explain the FIVE (5) key information involved in creating a new image in Photoshop. (10 marks)

(b) Compute the total frame buffer (in Megabytes) to display an image in a monitor with resolution 1024 x 768 pixels and with 16-million colours. (5 marks)

(c) Blending modes create amazing special effects by changing the way layers affect each other. Name and describe FIVE (5) Blending modes available in Photoshop. (10 marks)

~THE END~
ICT2108(F) August 2015