Philadelphia University
Faculty of IT

Marking Scheme

Quiz Paper

BSc CE

Digital Image Processing (0750474)

First Quiz   Second semester   Date: 12/03/2012

Section 1

Weighting 5% of the module total

Lecturer: Dr. Qadri Hamarsheh

Coordinator: Dr. Qadri Hamarsheh

Internal Examiner: Dr. Nameer N. EL-Emam

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Marking Assignments

Question 1 This question is attributed with 3 marks if answered properly; the answers are as following:

1) **Computer vision** defined as a discipline in which -----------
   a) Both the input and output of a process are images.
   b) The input of a process is an image description and the output is image.
   c) Both the input and output of a process are descriptions.
   d) The input of a process is an image and the output is an image description.

2) The **colormap array** of the indexed image is always of class
   a) uint8   b) double
   c) uint16   d) logical

3) When you **store** an image in Matlab, you should store it as -----------image and when you are **processing** an image, you convert it to -----------
   a) uint16, double   b) double , uint16
   c) uint8 , double   d) double, uint8

Question 2 This question is attributed with 2 marks if answered properly; the answers are as following:

List two methods of Image Segmentation?
- Autonomous segmentation
- Rugged segmentation
- Erratic segmentation