Marking Scheme

Quiz Paper

BSc CE

Topics in Computer and Software Engineering (630593)

First Quiz   First semester   Date: 10/11/2010

Section 1

Weighting 5% of the module total

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Marking Assignments

Question 1 This question is attributed with 5 marks if answered properly; the answers are as following:

a) The complete code for this sub question as the following:

```
function [zc oc]= bwcount (f)
[M N]= size (f);
zc =0;
oc = 0;                                        (1 mark)
for x=1:M
    for y=1:N
        if (f(x,y)==0)
            zc = zc+1;
        else
            oc = oc+1;
        end
    end
end                                            (2 marks)
```

b) The complete code for this sub question as the following: **(2 marks)**

```
i = imread ('pout.tif');
f = im2bw(i,0.4);
imshow(f)
[zc,oc]=bwcount(f)
```