Question 1:

A B C

1 Inactive Inactive Inactive

2 Active Inactive Inactive

3 Active Active Active

4 Active Active Active

5 Active Inactive Inactive

6 Inactive Inactive Inactive

Question 2:

students who	A1	1	0	1	1
A4 1 1 1 1 1 1 A5 A5 A6 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A2	1	1	1	1
A5 1 1 1 1 1 1 A6 A6 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A3	1	1	1	1
A6 1 0 1 1 1 1 Names of students who recorded the	A4	1	1	1	1
Names of students who recorded the	A5	1	1	1	1
students who recorded the	A6	1	0	1	1
	recorded the	Jesse Ludeman	Justin Bland	Michael Zaki	lan Goodwin

b) Use the results from at least 3 groups to calculate the true positive rates for the FoVs given in the table below. You must show the steps of your calculations in the table.

FoV True positive rate

180° TPR =
$$6/(6+2) = 0.75$$

120° TPR =
$$8/(8+0) = 1$$

$$60^{\circ}$$
 TPR = $8/(8+0) = 1$

(5 marks)

Question 3:

B1	1	0	0	1
B2	1	0	1	1
B3	1	1	1	1
B4	1	1	1	1
B5	1	0	1	1
B6	1	0	0	1
Names of students who recorded the reading	Jesse L	Justin Bland		lan Goodw in

b) Use the results from at least 3 groups to calculate the true positive rates for the FoVs given in the table below. You must show the steps of your calculations in the table.

FoV True positive rate

$$180^{\circ}$$
 TPR = $4/(4+4) = 0.50$

$$60^{\circ}$$
 TPR = 8/(8+0) = 1

Question 4

C1	1	0	0	1
C2	1	0	1	1
C3	1	1	1	1
C4	1	1	1	1
C5	0	0	1	1
C6	1	0	0	1
Names of students who recorded the reading	Jesse		Michae I Zaki	lan Good win

b) Use the results from at least 3 groups to calculate the true positive rates for the FoVs given in the table below. You must show the steps of your calculations in the table.

FoV True positive rate

$$180^{\circ}$$
 TPR = $4/(4+4) = 0.50$

120° TPR =
$$5/(5+3) = 0.625$$

$$60^{\circ}$$
 TPR = $8/(8+0) = 1$

Justin Bland

SIT123: Data Capture Technologies Lab Report 8

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Question 5:

Question 6: