

Test 3

Q1 EXE3 Question 3

(5 marks)

3(a) Not true

3(b) Not true

3(c) True

3(d) Not true

3(e) True

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Q2 EXE3 Question 6

(6 marks)

6(a) The relationship between x and y are the order of x1 x2 being changed to x5 x6

$X = [x_1 \ x_2 \ x_3 \ x_4 \ x_5 \ x_6]$

$Y = [x_5 \ x_6 \ x_3 \ x_4 \ x_1 \ x_2]$

6(b) The relationship between x and y are $(x_n + x_{n+1})/2$

$X = [x_1 \ x_2 \ x_3 \ x_4 \ x_5 \ x_6]$

$Y = [(x_1 + x_2)/2 \ (x_1 + x_2)/2 \ (x_3 + x_4)/2 \ (x_3 + x_4)/2 \ (x_5 + x_6)/2 \ (x_5 + x_6)/2]$

4

Q3 EXE Question 9

(4 marks)

9(a) N row with i element is the total number of symptoms patient i have.

9(b) n row with i element is the total number of patients who have symptoms i.

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