Grading policies for the midterm

Ajay Bharadwaj

Q 1
-2 for saying both expressions are minimum/ listed extra minimal expressions
-4 for having not found the minimal expressions but listed the other one
-2 for each incorrect term in the final answer (with some correct terms in the answer)
-10 for correct k-map but incorrect answer
-10 for partially correct circles on the k-map
-15 for incorrect k-map

Q 3
-3 if answer is not minimal but is correct
-7 if you came up with SOP form
-3 for each incorrect term in the final answer
-8 for incomplete solution but having shown something substantial

Shannon’s method
-15 if looked for 1’s in Shannon’s expansion and got the wrong answer
-10 or –7 depending on how correctly you did Shannon’s expansion

Non- Shannon method
-15 for incorrect truth table (f or more than 5 incorrect entries). –2 for each incorrect entry upto 5
-2 for each incorrect entry in a k-map

Q 4
a) -1 for each incorrect row in the table
-1 for each incorrect row on the state table

b) -3 for not having s1 as a separate circle
-2 for each other mistake on the remaining diagram