Charlson So

Pages 184-185

#5 (6 pts), 7 (5 pts), 10 (4 pts)

#5

1. <word>=<hasY>Y|<mustHaveX>|<word>Y

<hasY>=<mustHaveX>Y<anystring>|<mustHaveX>Y

<mustHaveX> = X|<mustHaveX><anyString>

<anystring>=X|Z

b. X

XZ, XX, XY

XXZ,XZX,XYY,XZY,XXY

7.

if (stringLength is 1){

if string is R,Q,P

return true

else

return false

}

else if (first word is Q or P and last letter is 1){

function(second letter of string to second to last letter of string)

}

else{

return false

}

10. \*a-b/c++de-fg

a\*(-b/c++de-fg)

a\*(b-(/c++de-fg))

a\*(b-(c/(++de-fg)))

a\*(b-(c/((d+e)+(f-g))))