Md. Mahir Jawad 20101285 Assignment:2 Section: 05 (SE 260

10 x, 25, +x, 25+x, 25, x = (x,135,) 1 x, 25+ xhs = x 'y ? ' + x 'y ? + x y ? . = x,2(=15,) Tx15. = x'y 1 xy? = y(x1+x2). · y(x'+x)(x'+2) x147 寒 25. Hus: xx y +73. 6) (x'+y') (x+y). x'(xty) ty'(xty). = x1x+x'y+xy'+y'y. = pe'ytxy'. Ans: x'ylxy'.

(a) 
$$(a'+b)'(a+b')'$$
  
=  $(a')' \cdot b')(a' \cdot a' \cdot b')$   
=  $(ab') \cdot (a'b)$   
=  $(ab') \cdot (ab')'$   
= 0.

Ansio

P. T.O =

(b) 
$$(x'+y+z')(x'+y')(x+z')$$
  
=  $(x'+z')+(x'+y')+(x+z')$   
=  $xy'z+xy+x'z$   
Ans:  $xy'z+xy+x'z$ 

Figure:

A. 
$$\overline{A}$$
  $\overline{A}$   $\overline{A}$ 



