Atividade Avaliativa - AOCI Dari bentura Cardoso Perdigão

e)
$$Y = \overline{ABC} + \overline{A+B+C} + \overline{ABCD}$$

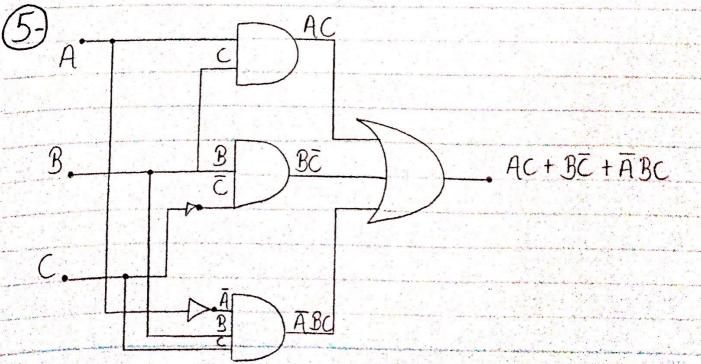
 $\overline{ABC} + \overline{ABC} + \overline{ABCD}$
 $\overline{ABC} + \overline{ABC} + \overline{ABCD}$
 $\overline{AB}(C+\overline{CD})$
 $\overline{AB}((C+\overline{C})(C+D))$
 $\overline{AB}((C+\overline{C})(C+D)) \rightarrow \overline{AB}(C+D)$

9)
$$Y = \overline{AB} + \overline{A+C}$$

 $\overline{A} + \overline{B} + \overline{AC}$
 $\overline{A} (1+\overline{C}) + \overline{B}$
 $\overline{A} (1+\overline{B}) + \overline{A} + \overline{B}$

R)
$$Y = \overline{AB} + CD + \overline{ACD}$$

 $\overline{ABCD} + \overline{AC} + \overline{D}$
 $AB\overline{C} + AB\overline{D} + \overline{A} + \overline{C} + D$
 $\overline{C} + (\overline{A} + A)(\overline{A} + \overline{BD}) + D$
 $\overline{C} + (\overline{A} + B\overline{D}) + D$
 $\overline{C} + \overline{A} + D + \overline{D}B$
 $\overline{C} + \overline{A} + (D + \overline{D})(D + B)$
 $\overline{C} + \overline{A} + ((D + B)) + \overline{C} + \overline{A} + D + B$



6-)	OR	AND	NOT
and the same of th	0	0	(
	1	0	0
	-	0	
		1	

(7) A.B.Z+ABC+A.B.C+ABZ