National Chiao Tung University
Dept. of Computer & Information Science
Intro. to Digital Systems, Spring 1998

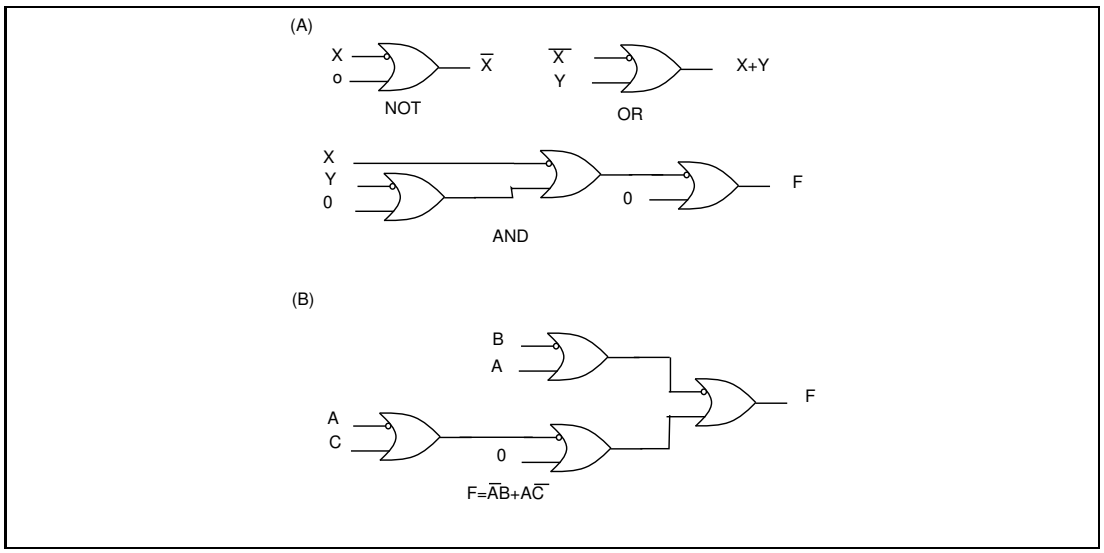
April 20, 1998
Handout #9
TA: Ray-Ming Hsu

Midterm-Solution Form:A (April 8)

PartI.

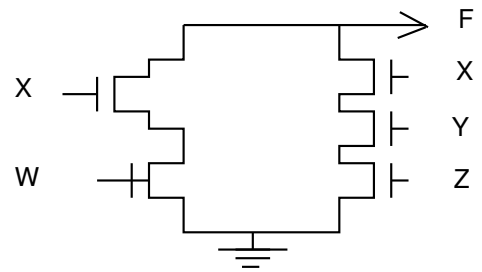
1.C	2.A	3.C	4.C	5.B	6.D	7.B	8.A	9.C	10.C .

PartII.

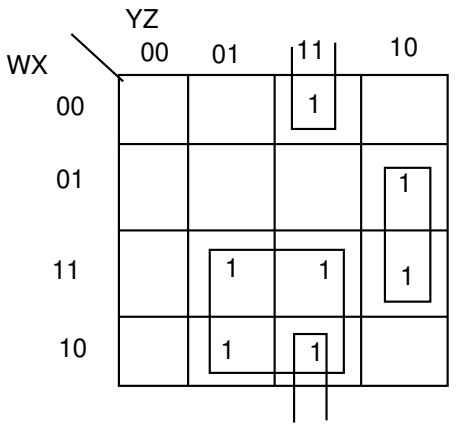


PartIII.

(A)



(B)



PartIV.

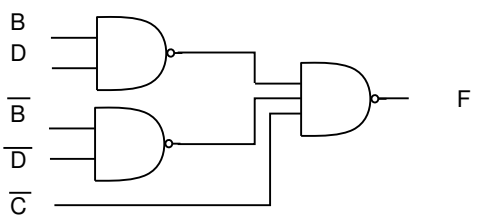
(A)

C , BD , $\overline{B}\overline{D}$

(B)

$F = C + BD + \overline{\overline{B}\overline{D}}$

(C)



Part V.

$$T = Z\bar{Y} + \bar{Z}Y = Y \oplus Z. \qquad F = \bar{X}Y + Y\bar{Z} + X\bar{Y}Z. \qquad G = YZ + XZ + \bar{X}\bar{Y}\bar{Z}.$$