

# Lavoro in Sc. e Tec. per l'Ambiente

Servizi COMPITO DI INFORMATICA GENERALE del  
26/5/08 - schema

## PRIMO ESERCIZIO:



1) Tabella verità

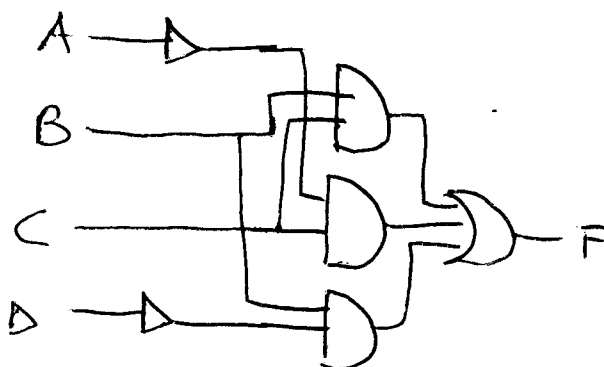
2)

A \ B \ C \ D	00	01	11	10
00	0	0	1	1
01	1	0	1	1
11	1	0	1	1
10	0	0	0	0

$\bar{A}C$  (circled in the table)  
 $BC$  (circled in the table)  
 $B\bar{D}$  (circled in the table)

$$F_{ridotta} = \bar{A}C \vee BC \vee B\bar{D}$$

3)  PORTA AND  PORTA OR



## SECONDO ESERCIZIO:

2) AMPINT (A, n)

begin

max := A[1];

min := A[1];

for i := 2 to n do begin

if A[i] > max then max := A[i];

if A[i] < min then min := A[i];

end

complesse linee

return max - min

end

4) AMPINT\* (A, n)

begin

return A[n] - A[1]

end

comp. costante