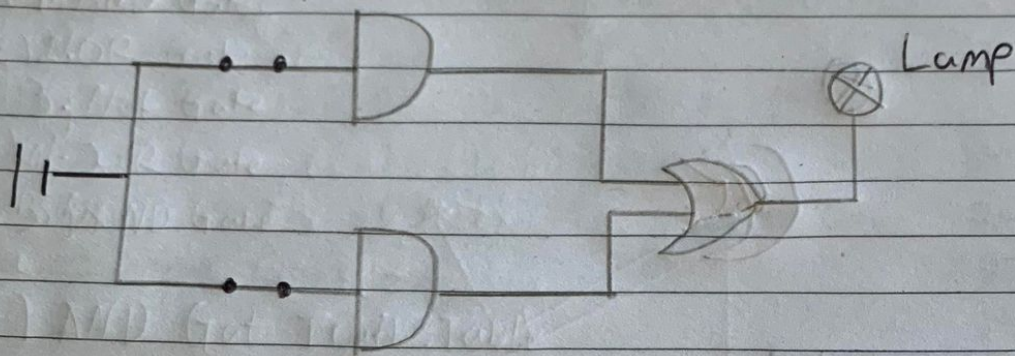


Computer System Exam

iv)

Intermediate Domestic 2 Way Switch



Q2

i)

a) 1101 0111

b) 0010 0101 512 256 128 64 32 16 8 4 2 1

1	1	0	1	0	1	1	1	A = 215
0	0	1	0	0	1	0	1	B = 37

Hex - binary

ii 6F

6 = 8 4 2 1

6F = 0110 1111

0 1 1 0

EA = 1110 1010

F = 1 1 1 1

EA

E = 1 1 1 0

A = 1 0 1 0