Md Schriog Ahamed Fahin
2012518642
(3) (a) (a) (a)
6 65536
Qe for 5 bit
l'a compliment => number-32!
5 bit à required for number
D bit unwoed
max
31 0
100 0 1
2're compliament of number of some number 16it
max min - DIS

Q (2)

Page

G(2) f(a,6,4) g(0,3,5) g(0,3,5) g(0,3,5) g(0,3,5) g(0,3,5) g(0,3,5) g(0,3) g(0,3)

abacon't ac + book + aba

92 @ 0) 6 inorg -) 1001

GRay code -) 1101

BeD code of 9-) 1001

Symplifed Careuit

TRITON VET

3(1)

we need 2 bit adder subtutor to create Perfixan tur operation Binary of -) 3-) ( 11 01 A FAL B, DE Comy MSB Carry So the arriver would be Sol So -) I fore subtrecting 8. Adder subt neton un xore gate and correy in to ecomplinent

Q (I) Propapator a 10 OF = ADB CIN D O BD Propert Franto #A 1 = 0 B1 S2,00 6 \$2 Grenator G= A . B for 7 + 9 1 binory A =>7 600-10111 B-) 4 - 1000 Partitions P2 Pot P, the Pa 2 0 Cr = Cr3 + Gr2-P3 + Gr, P3P Cr = Gr3+ Gr- BARDO

0.10 Half adder

Sum P= A (1) B

Conny Com 2 A. B