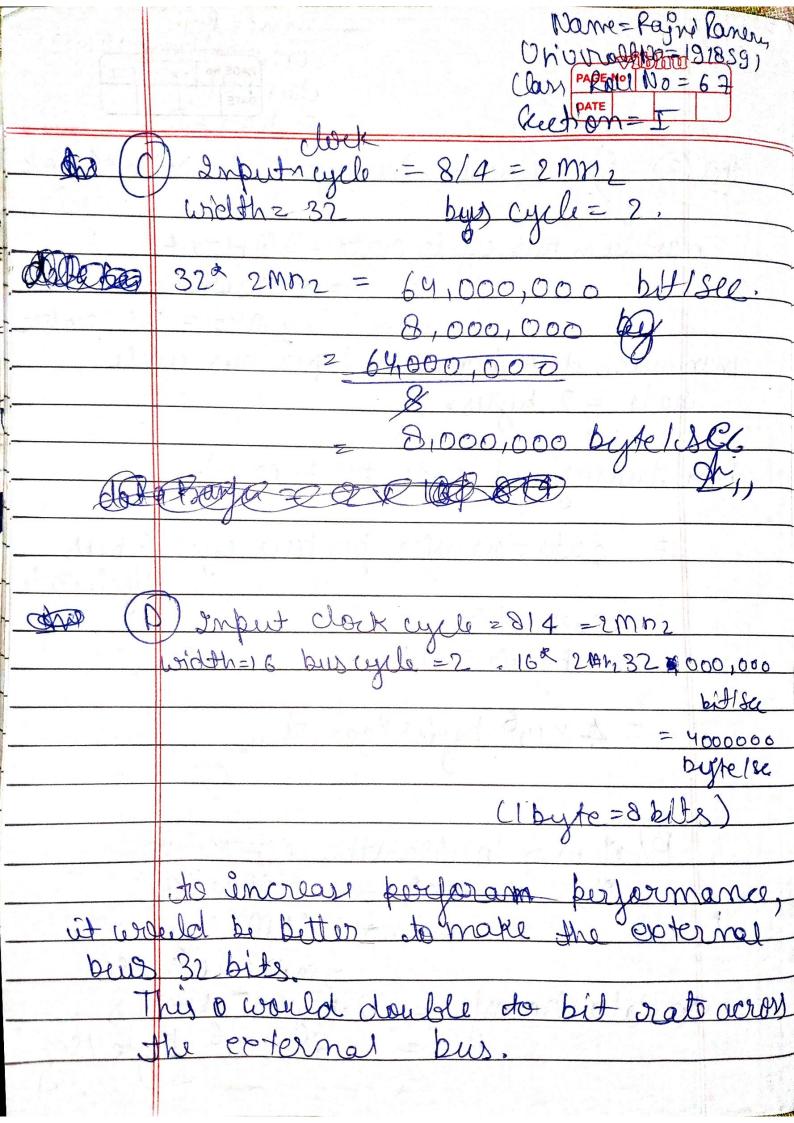


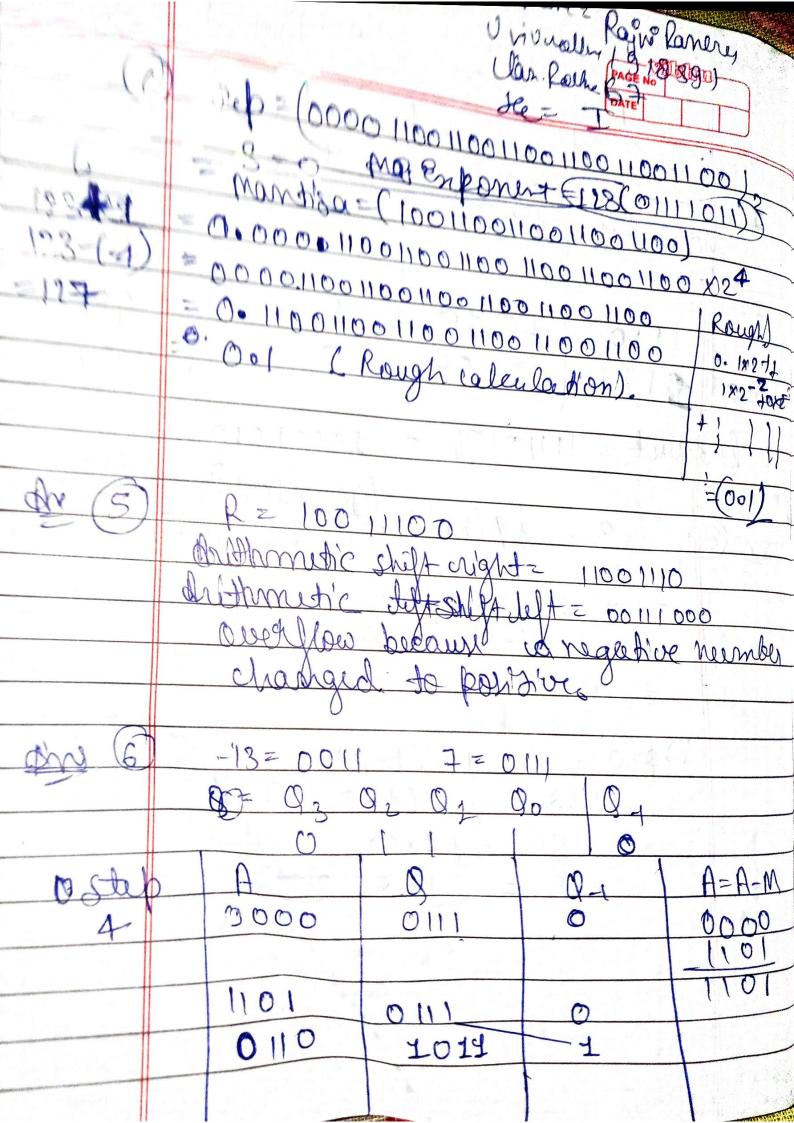
pame = Rajni Uni PAGE NO NO = 67 Ans (3) A) minimum bus yelle idward on = 4 clock maximum bus cycle rate = 8MH214 grentus/me = 1 MM2 = 1000000/see maximum data teransferred per bus cycle vate = 2 bytes= data triansferred vate per second data transfer per ber cyclet bus
yelerate = 2 byter 2m/s = 4 × 106 byfos/see & 4 B) if we double the clock rate 7m12=106/see Do data barrefu = 2 pyte um/s

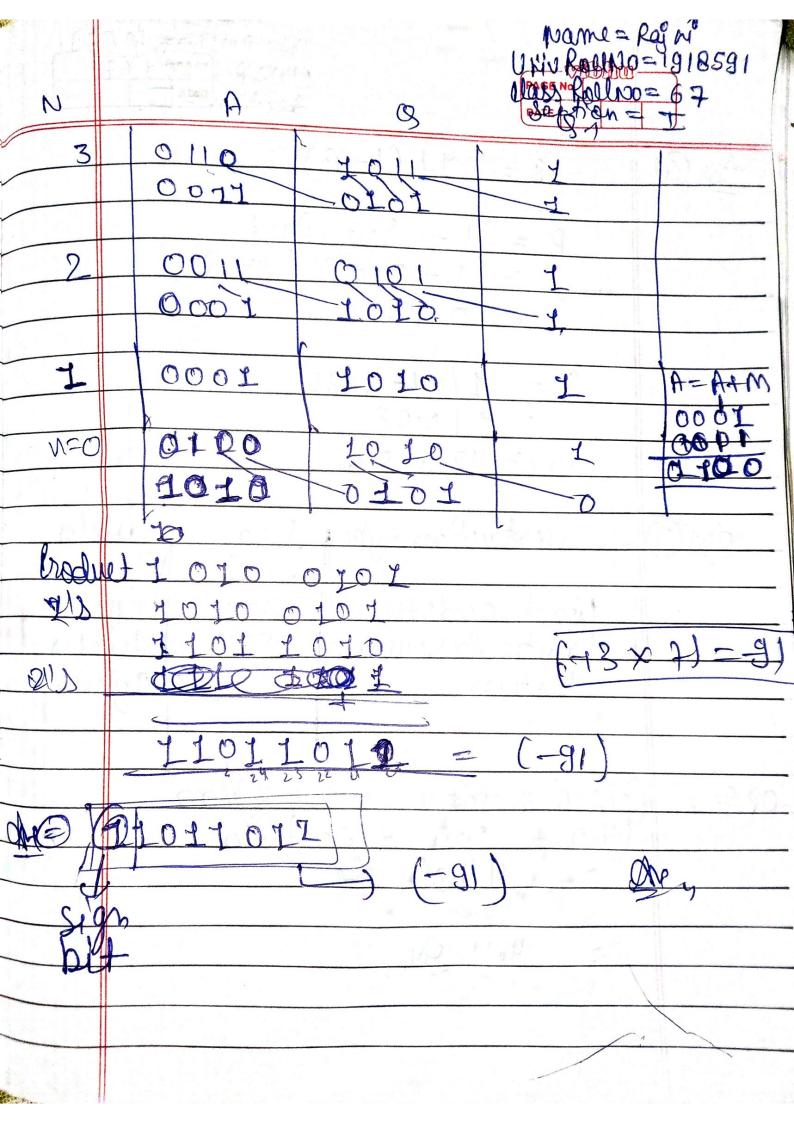


Name = Rajnil Banery NHV ROLL NOTOBELS 9 1 Claim Roll 150 = 67 Scation = I

(0.1) = 0.000 1100 1100 1100 1100 1100 1100 0.000 110011001100 11001100= 1.100.11001100110011001100x2-4 Exponent = -4 + 127 = 123 COIIIIOII mantissa = 100 1100 1100 1100 1100 S(1b) Exponent(8b) mantissa (23 bits) 100110011001100 1100/100 1101110 = (40052)-10 = \$ 70 1000 01000 0101000 1110 1011000 =1.010001000010100011101011100x2 Ereponent = 5+127 = 132 sign bit = 1 Mantisa = 01000100001010001111010 Enponent (8 blt Mart sage 23 blt) 10000 100 01000100001010061111010

Derz





Univ Ray No = 1918-591 Class Rais 1900 67 J) (1-P) 1 - Seq. Part 1 - 0.08 (W 81) 1/(1-0.92) = 12-5 dy, Instruction type wad and stores 3011 Ayeles Withmetic Instruction Soy, 20% All others 30 t 6 + 50 x 4 + 20 × 3 = & D 404 pm