Assignment No 1

1. What are the advantages of Digital system over analog system. Compare analog and digital signal
2. Convert (268.75)10 into its binary equivalent.
3. Convert (110101)2 =()10
4. Perform following Binary addition

(101011)2+(110011)2

1. Subtract using 1’s compliment method (11011)-(1010)
2. Subtract using 2’s compliment method (83)10-(67)10
3. Convert the following

(AD5)H=(?)10 (10110)2=(?)10 (625)10=(?)2 (196)10=(?)BCD

1. Convert the following

(327.89)10=(?)BCD (237)8=(?)10 (1011001)2=(?)8 (249)10=(?)2