1. Konversi bilangan (Bobot 30)

a. $1101_{(2)}$ = ...(8) = ... (10) = ... (16)

b. $7652_{(8)}$ = ... (2) = ... (10) = ... (16)

c. $9614_{(10)}$ = ...(2) = ... (8) = ... (16)

d. $4FC_{(16)}$ = ... (2) = ... (8) = ... (10)

2. Operasi Aritmatika (Bobot 30)

a. $1573_{(8)}$ + $234_{(8)}$ = ...(8)

b. $11100011_{(2)}$ X $01101_{(2)}$ = ...(2)

c. $10000100_{(10)}$: $11_{(10)}$ = ...(10)

d . $F3B_{(16)}$ - $21_{(16)}$ = ...(16)

3. BCD (Bobot 20)

a. Ubahlah bilangan desimal $59_{(10)}$ = ... (BCD 8421) = ... (BCD 2421)
b. Ubahlah bilangan desimal $72_{(10)}$ = ... (BCD 8421) = ... (BCD 2421)
c. Tentukan Bilangan BCD8421 dari $59_{(10)} + 72_{(10)}$ = ... (BCD 8421)

4. Biner Bertanda (Bobot 20)

a. Ubahlah bilangan desiman ke biner bertanda 8 bit untuk $-125_{(10)}$ = ... (2) & $+99_{(10)}$ = ... (2)

b. Ubahlah bilangan biner bertanda ke decimal untuk $01111101_{(2)}$ = ...(10) & $11101101_{(2)}$ = ...(10)