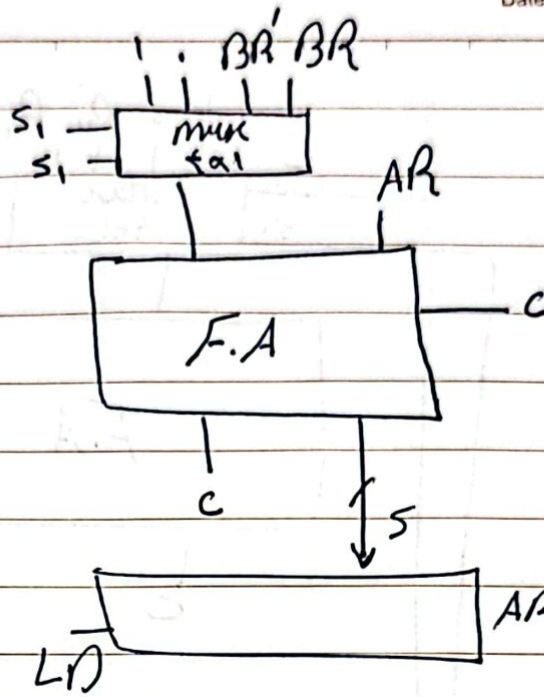


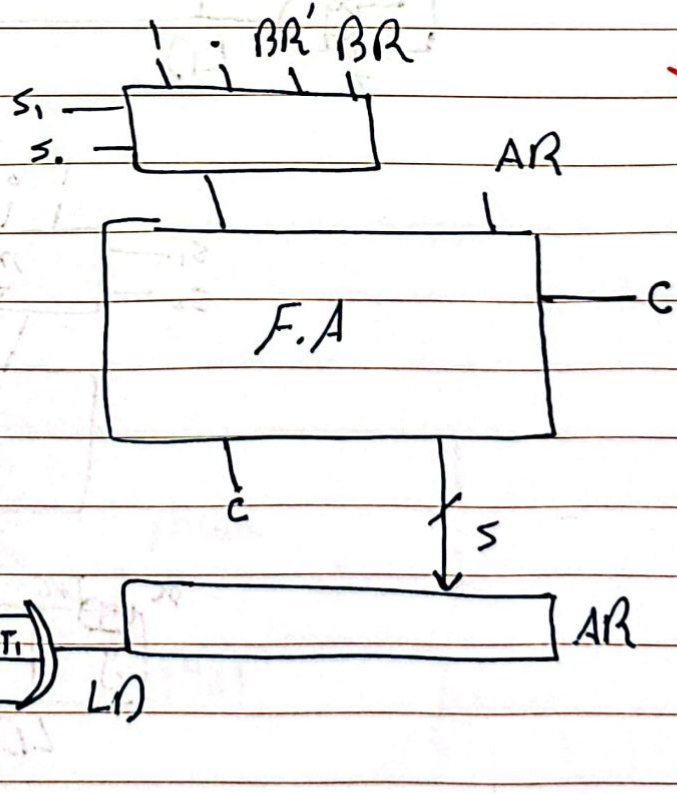
$S_1 S_0 = \dots$

$C = 0$

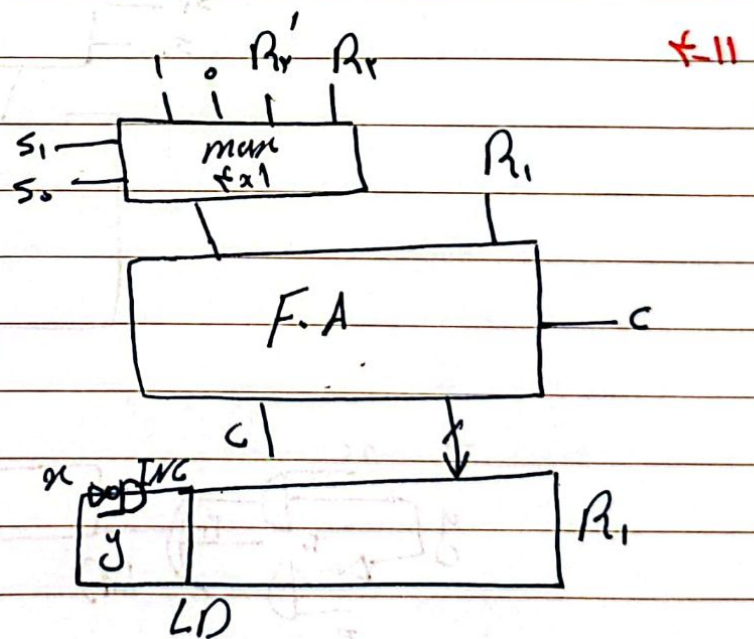
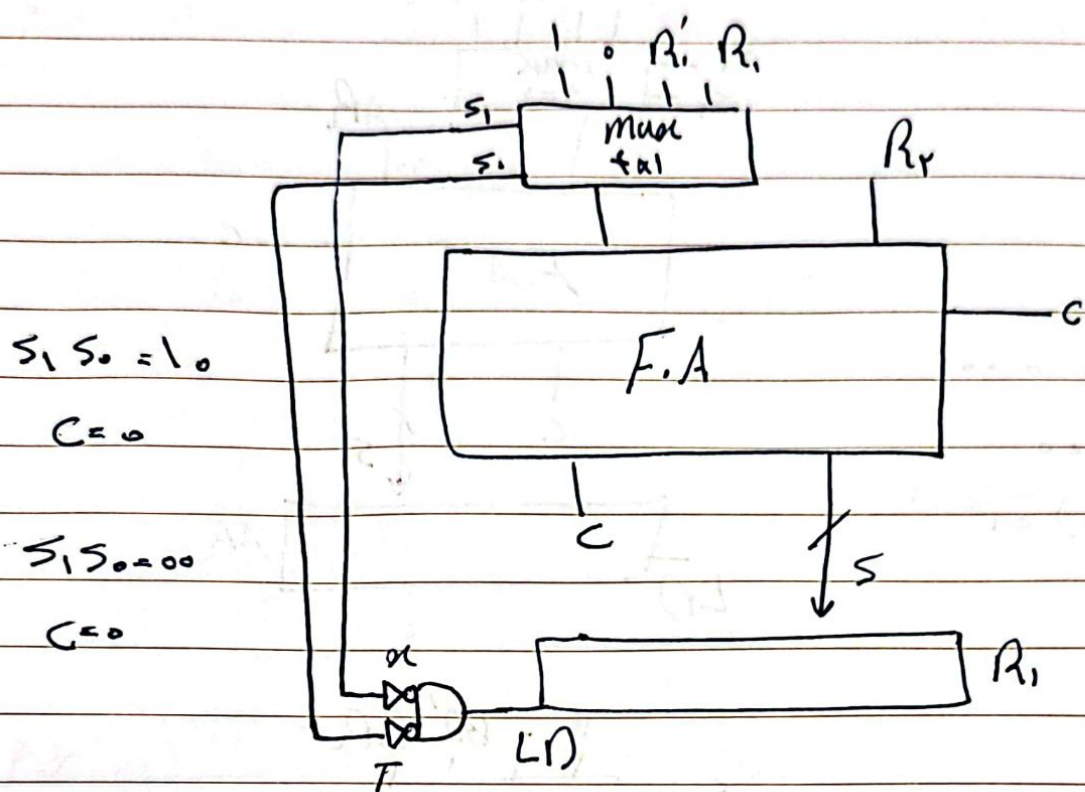
$LD = 1$

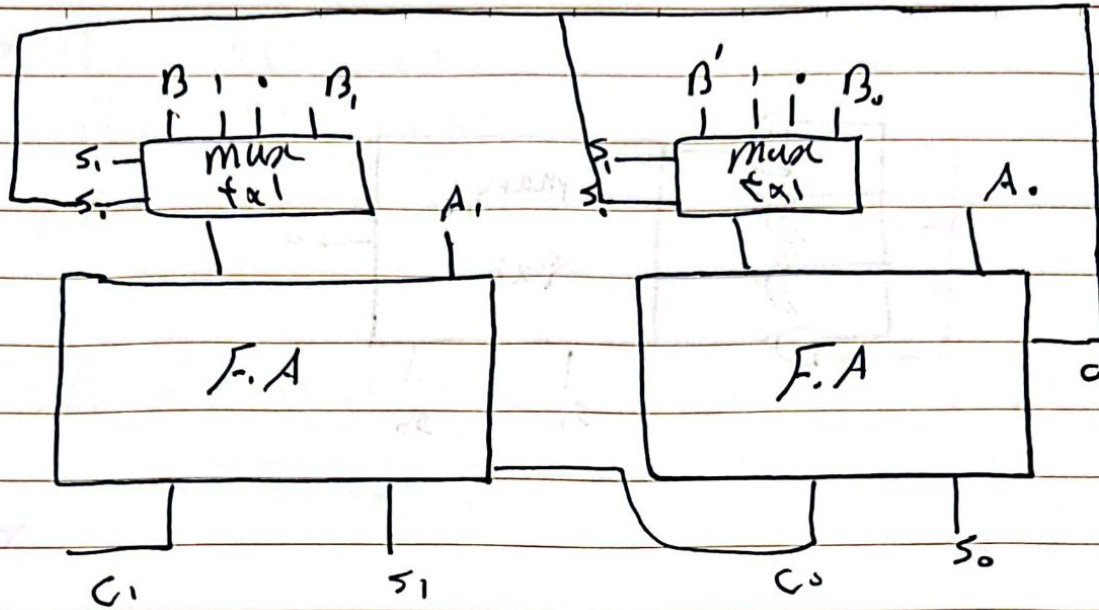


f.1



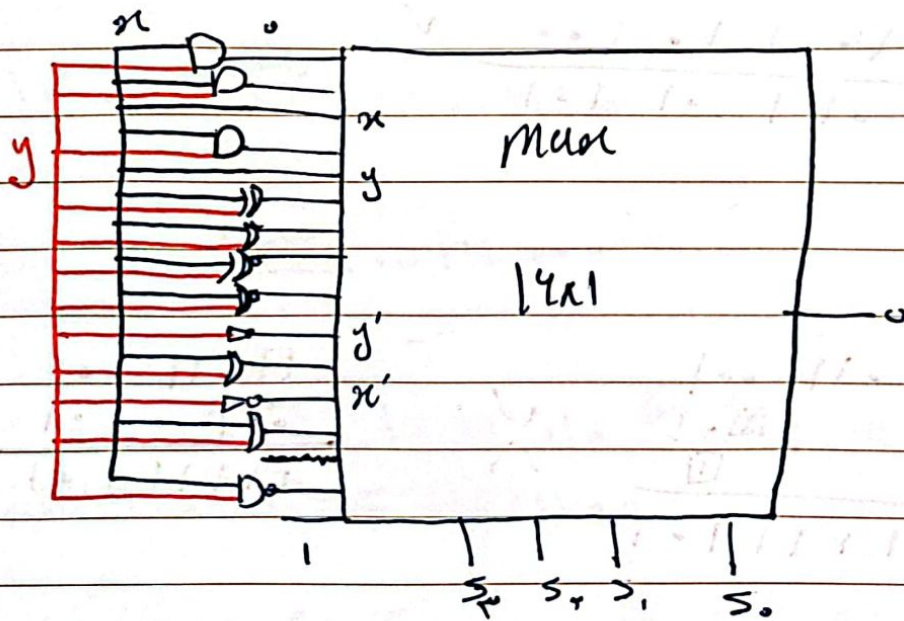
f.9



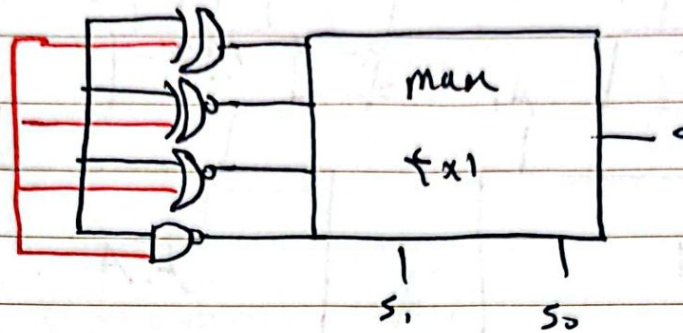


ف-10

S_1	S_0	C	خروجی
0	0	0	$A+B$
0	1	1	$A+1$
1	0	0	$A-1$
1	1	1	$A+B+1$



ف-11



f-15

$$\begin{array}{r}
 11011001 \\
 \boxed{X} 11 \\
 \hline
 01101101
 \end{array}$$

$$\begin{array}{r}
 11011001 \\
 10110100 \\
 \hline
 01101101
 \end{array}$$

f-16

$$\begin{array}{r}
 11011001 \\
 \boxed{X} 01 \\
 \hline
 11111101
 \end{array}$$

$$\begin{array}{r}
 \textcircled{a} \quad AR = 1111 \ 0010 \\
 BR = 1111 \ 1111 \\
 \hline
 AR = 1111 \ 0001
 \end{array}$$

ف.۱۹

$$\begin{array}{r}
 \textcircled{b} \quad BR = 1111 \ 1111 \\
 \hline
 0000 \ 0000
 \end{array}$$

$$\begin{array}{r}
 DR = 111 \ 01010 \\
 CR = 10111001 \\
 \hline
 10101000
 \end{array}$$

$$\begin{array}{r}
 \textcircled{c} \quad AR = 1111 \ 0001 \\
 CR' = 0101 \ 0111 \\
 \hline
 0100 \ 1001
 \end{array}$$

ف.۲۰

$$100 \ 11100 \xrightarrow{\text{رات}} 1100 \ 1110$$

$$\xrightarrow{\text{حب}} 000 \ 11100$$

ف.۲۱

$$\begin{array}{l}
 110 \ 11101 \xrightarrow{\text{حب}} 1011101 \xrightarrow{\text{استحی}} 1011101 \\
 1100 \ 11100 \xrightarrow{\text{حب}} 1011100 \xrightarrow{\text{استحی}} 1011100
 \end{array}$$

ف.۲۳ مقدار دو تبارت را بنویس تا آن هم زمان به یک تبارت منتقل کرد