Answer to the g. N. - 01

Here,
$$6 = (0110)_2$$

$$-5 = (1011)_2$$

$$m = 6 (0110)$$

$$m + 1 = 1010$$

$$g = -5 = (1011)_2$$

$$f = 0101$$

$$2'5 = 1010$$

$$2'5 = 1011$$

Operation	A	9] Sn+1	m	m+1	Cout
Initially	0000	1011	0	0.110	1010	4
9n 9n+1=10.	1010	10 11	0	9 0110	1010	4
shift	1101	0101	10.5	0110	0101	3
shift	1110	1010	To Toppe	0110	1010	2
Sn 9n+1 =01	0.100	1010	1.1.13	0110	10.10	12
shift	0010	0101	0, 0	0110	1010	rie Inny
9n9n+=10	1100	0101	0	0110	1010	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Shift	1110	0010	-1	0410	101	

Ag = 11100010 (-30)

2's complement:

A9 +1 = 000 11110

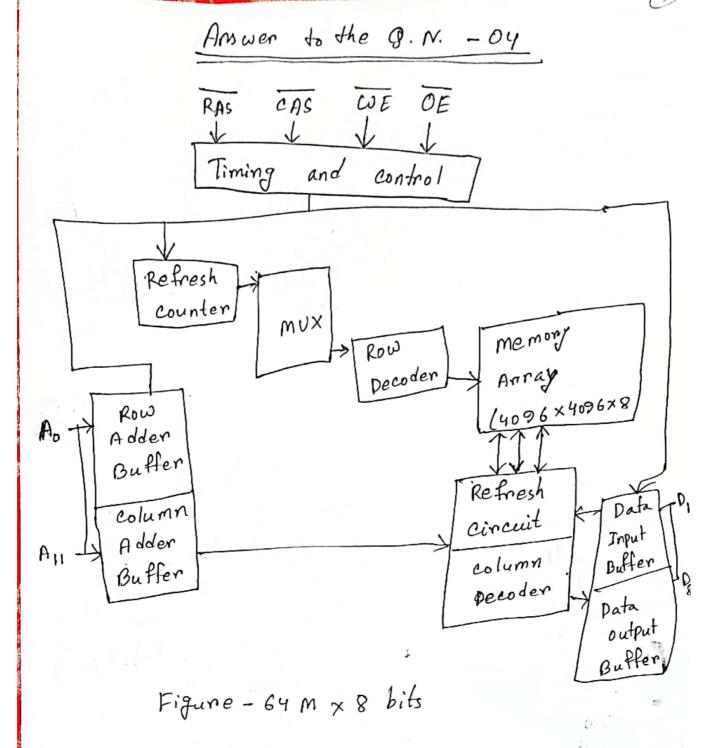
[16+8+4+2] = 30

Answer to the g. N. - 03

- @ Load immediate 20h loads 20H into accumulator.
- Bload direct 20h → loads 24H into accumulator.
- © Load indirect 20h loads 21 H into accumulator.
- De Load indirect 24H load 25H into accumulator.
- @ Load R1 load 23 H into accumulator.
- (f) Load register indirect RI- loads 2BH into the accumulator.
 - De Load displacement 2, RZ -> loads 2AH into accumulator.
 - (h) Load displacement 2, R1 -> loads 23H into accumulator.

load tomediate so receits an recognitation

with the dita 20



Itorizontal line connects to the select terminal of each cell in its row.

Vertical line connects to the Data In 1

Scree terminal of each cell in to its

column.