K-MAP

ASSIGNMENT:

NAME:HASHAM UDDIN

ROLL NO:21

CLASS:BSSE(SEC A)

SUBJECT:CLD

TEACHER NAME: MISS MALEEHA

SEMESTER: FIRST SEMESTER

ASSIGNMENT'

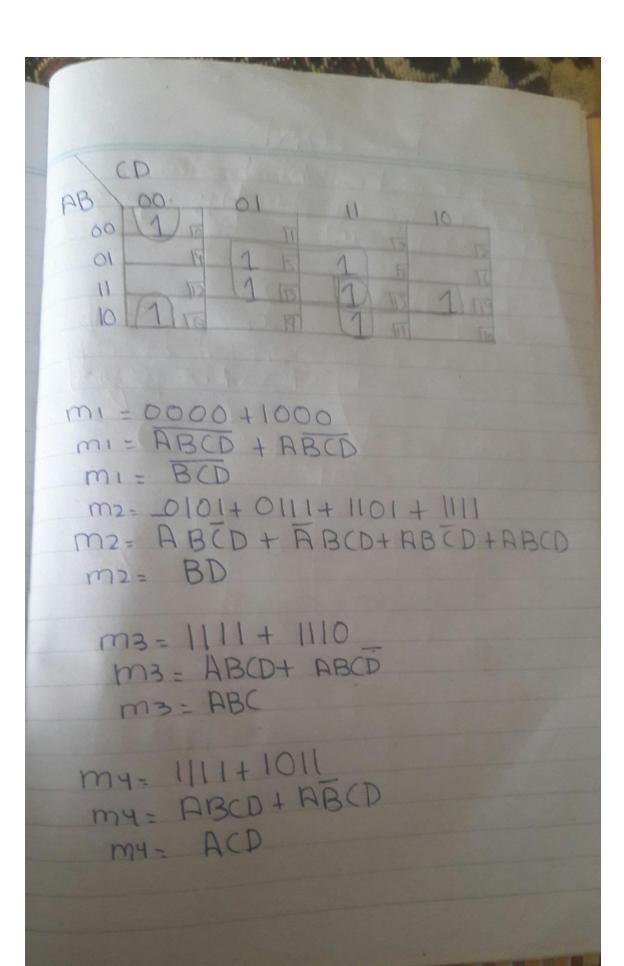
- a Solve these equations with K-MAP?
- 1) ABCD + ABCD

SOLUTION ..

= ABCD + ABCD + ABCD + ABCD + ABCD

+ABCD+ABCD+ABCD

- = 0000 + 1000 + 0101 + 1101 + 0111
- = 0 + 8 + 5 + 13 + 7 + 15



[=BCD+BD+ABC+ACD]

2) ABCD+ABCD+ABCD +ABCD+ Solution:

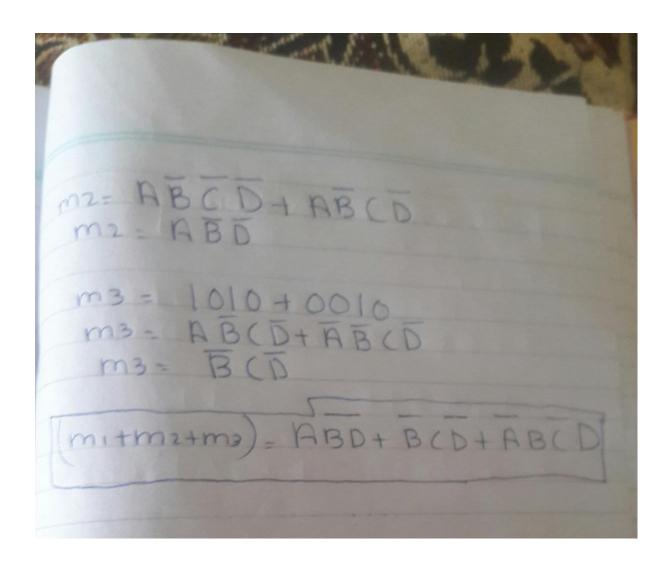
= ABCD+ABCD+ABCD+ABCD

=0010+1000+0101+1010

= 2 + 8 + 5 + 10

mi= Olol mi= ABCD

m2= 1000 + 1010



3) ABCHABCHABCHABC Solution:

= ABC+ABC+ABC+ABC

= 001+011+100+110

1 + 3 + 4 + 6

mi= OO1 + O11 mi= ABC + ABC mi= AC(B+B)

m1 = A((1)

mI = AC

m2= 100 + 110

m2 = ABC + ABC

mz = AC

