1-Given the following functions represented in the maps,

simplify these functions into sum of products and product of

sums forms.

c-F(ABC) =

0 1

|  |  |
| --- | --- |
| 1 | 1 |
| 1 | 1 |
|  |  |
| 1 |  |

00 ==> B’ + A’C’

01 ==> (B’+C’) . (A’+B’)

11

10

c-F(ABCD)

00 01 11 10

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | 1 |  |  |
| 1 | 1 |  |  |
|  |  |  |  |
| 1 |  |  |  |

00 ==>

01 ==>

11

10