



Fundação CECIERJ - Vice Presidência de Educação Superior a Distância

Curso de Tecnologia em Sistemas de Computação

Disciplina: Introdução à Informática

AP3 2º semestre de 2019.

GABARITO

1) (5 pontos)

1.1) B

1.2) A

1.3) B

1.4) D

1.5) E

1.6) D

1.7) E

1.8) C

2. a) $(\text{FDAE9B.BCD})_{16} + (\text{1DECCE.DF8D})_{16} =$

$$= (\text{11B9B6A.9C5D})_{16} = (\text{1012321231222.21301131})_4$$

b) $(\text{7756515.7745})_8 + (\text{7376610.66145})_8 =$

$$= (\text{17355326.65615})_8 = (\text{3DDAD6.D71A})_{16}$$

c) $(\text{1011AE.001})_{16} - (\text{FBC9E.ECA9})_{16} =$

$$= (\text{550F.1367})_{16} = (\text{52417.046634})_8$$

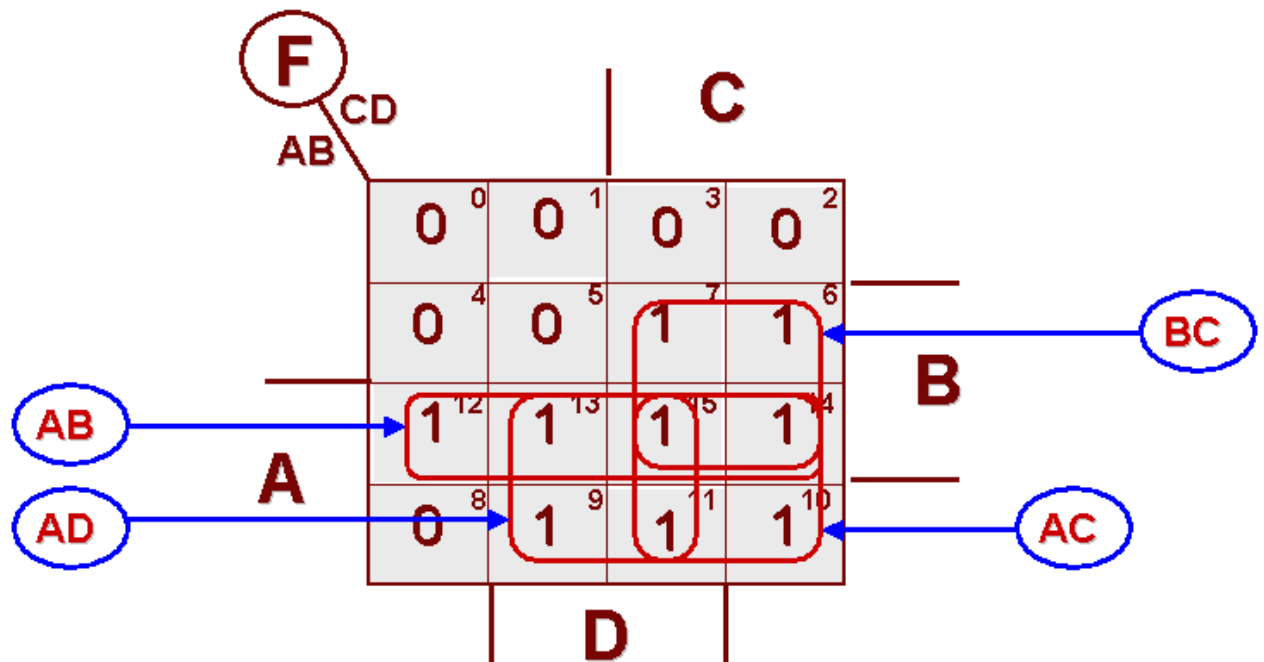
d) $(\text{10110101101.10111})_2 + (\text{11011101111.1001})_2$

$$= (\text{110010011101.01001})_2 = (\text{C9D.48})_{16}$$

e) $(\text{100100101.0001})_2 - (\text{11111001.11011})_2$

$$= (\text{101011.00111})_2 = (\text{223.032})_4$$

3. $F(A,B,C,D) = \sum (6, 7, 9, 10, 11, 12, 13, 14, 15)$



$$F(A,B,C,D) = AB + AC + AD + BC$$

