

Avaliação de Sistemas Operacionais

1) a) 12 Decimal ----- Binário

8	4	2	1
1	1	0	0

b) 1610 Decimal ----- Binário

1024	512	256	128	64	32	16	8	4	2	1
1	1	0	0	1	0	0	1	0	1	0

2) a) 111111101 Binário -----Decimal

1	1	1	1	1	1	1	0	1
256	128	64	32	16	8	4	2	1

Rta = 509 decimal

b) 010000100 binário -----Decimal

0	1	0	0	0	0	1	0	0
256	128	64	32	16	8	4	2	1

Rta= 132 decimal

3) 111111101binário ----- Hexadecimal

1	1	1	1	1	1	1	0	1
	8	4	2	1	8	4	2	1
1	F				D			

Rta = 1FD

4)

0	1	0	0	0	0	0	1
128	64	32	16	8	4	2	1

Ret= 65

1	1	0	0	1	0	0	1
128	64	32	16	8	4	2	1

Rpt= 201

1	0	1	0	1	1	0	0
128	64	32	16	8	4	2	1

Rpt= 172

1	1	1	1	1	1	0	0
128	64	32	16	8	4	2	1

Rpt= 252

Resposta= 252.172.201.65

5) a)

w	x	y	z
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0	0	0	0
0	0	1	1
0	1	0	0
0	1	1	1
1	0	0	1
1	0	1	0
1	1	0	0
1	1	1	0

b)

A	B	C	S
---	---	---	---

0	0	0	1
0	0	1	1
0	1	0	1
0	1	1	1
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	1

6)

a)

A	B	C	S
---	---	---	---

0	0	0	0
0	0	1	1
0	1	0	0
0	1	1	1
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	1

b)

A	B	C	S
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0	0	0	1
0	0	1	1
0	1	0	1
0	1	1	1
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	1

7) B,C e D aulas 5,6 e 7

8) A

9) A,C e D

10) B, D e E