Name: Aldellah Tahir Roll: 19P-0067 Section: BCS-5B

1) 100.875

1001,6

(100)16 (1100 100)2

$$.875 \times Q = 1.75$$

 $.75 \times 2 = 1.5$
 $.5 \times 2 = 1.0$

(100.875)=(1100100-111)2

-> Exponent Part
To and I ave
1100100.111
total size 6 movement
Emponent = 6
Brased Emponent
6+127
= (133)10
2 133
2 66-1
2 33-0
2/16-1
2 8 - 0
2 9-0
$\frac{12-0}{11-0}$
Martissa = 100100111000000000000000000000000000
Mantisia
6 10000101 1001001110000000
Sign bit Fuponent.
Ign & uponer