

$$(3.) (5B.3A)_{16}$$

Sol<sup>n</sup>:     5     B     .     3     A

               1     1     1     1

=     0101     1011     .     0011     1010     (∵ group as 4 bit numbers)

$$= 1011011.00111010$$

$$\therefore (5B.3A)_{16} = (1011011.00111010)_2$$