

$$\textcircled{6} (3FC.82)_{16}$$

Sol<sup>n</sup>.

3	F	C	.	8	2

$$= 0011 \quad 1111 \quad 1100 \quad . \quad 1000 \quad 0010 \quad \left( \because \text{Groups as 4 bit numbers} \right)$$

$$= 111111100.10000010$$

$$\therefore (3FC.82)_{16} = (111111100.10000010)_2$$

