$\Rightarrow$ f, g are odd

take $f(x) = x^3$ & $g(x) = \sin x$

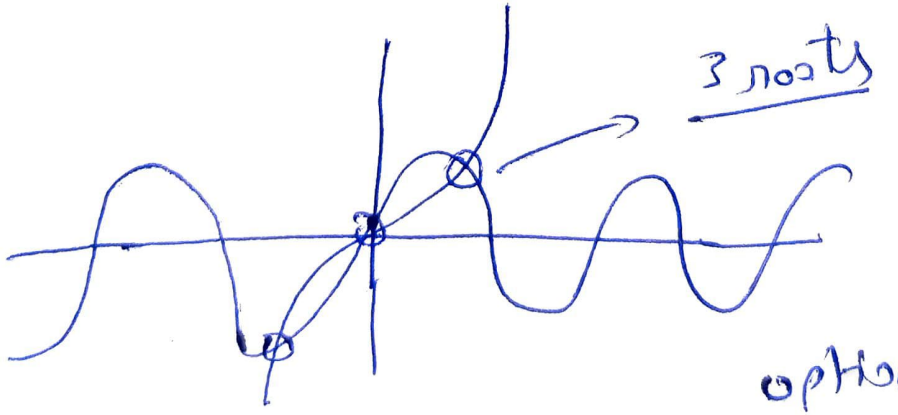
both are odd

$f(-1) = -1$ & $f(1) = 1$

$f'(0) = 0 < 1 = g'(0)$

then $f(x) = g(x)$

$\Rightarrow$ $x^3 = \sin x$



option (c), (d) discarded

option (B) ✓