

23. The number of real values of  $x$  satisfying the equation  $3 \sin^{-1} x + \pi x - \pi = 0$  is/are :

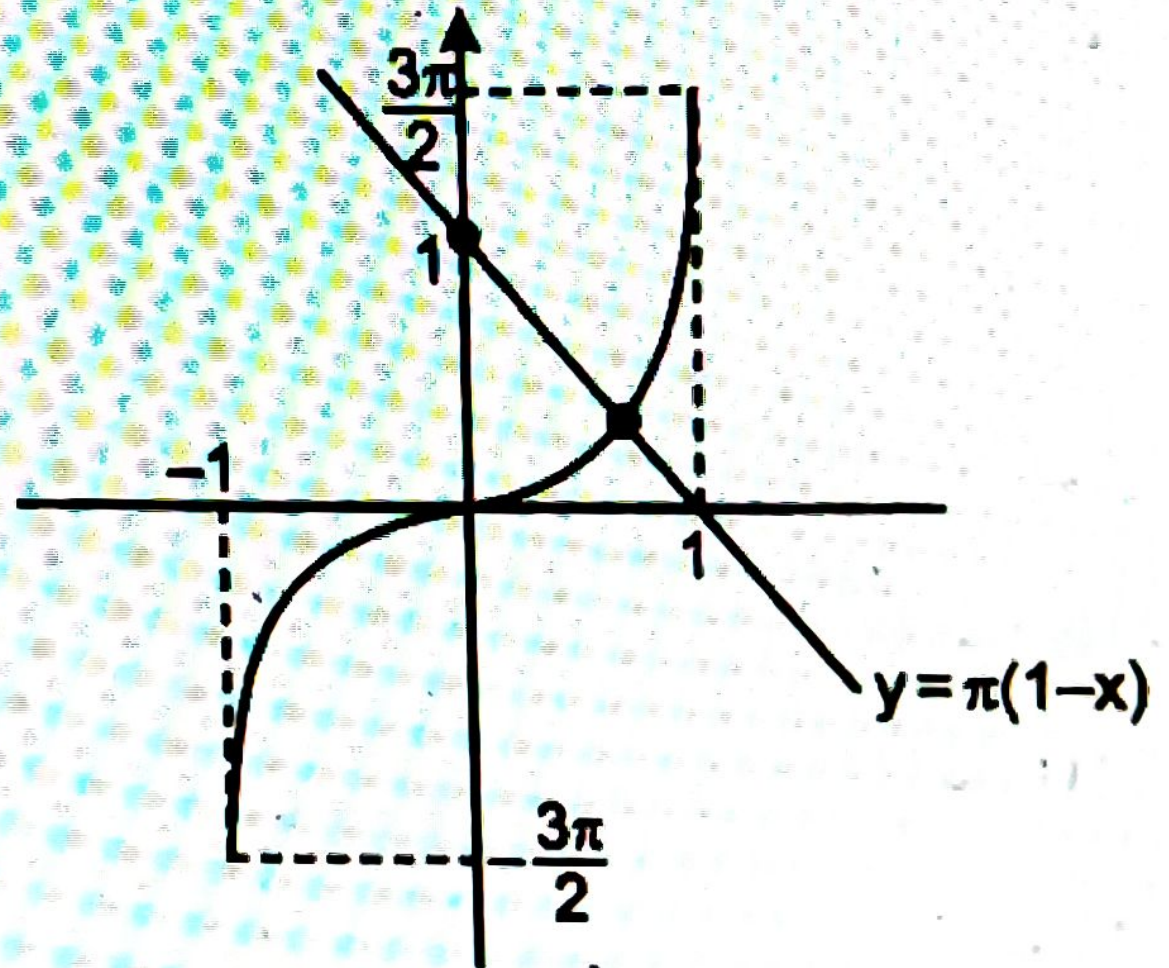
(a) 0

~~(b)~~ 1

(c) 2

(d) 3

Graphs of  $y = 3 \sin^{-1} x$  and  $y = \pi(1 - x)$  are



Clearly one point of intersection