60. Match the statements given in **Column I** with the intervals/union of intervals given in **Column II**

Column I	**Column II**
(A) The set $\left\{\text{Re}\left(\frac{2iz}{1-z^2}\right): z \text{ is a complex number, } \lvert z\rvert = 1,\ z \neq \pm 1\right\}$ is	(p) $(-\infty, -1)\cup(1, \infty)$
	(q) $(-\infty, 0)\cup(0, \infty)$
(B) The domain of the function $f(x) = \sin^{-1}\left(\frac{8(3)^{x-2}}{1-3^{2(x-1)}}\right)$ is	(r) $[2, \infty)$
(C) If $f(\theta) = \begin{vmatrix} 1 & \tan\theta & 1 \\ -\tan\theta & 1 & \tan\theta \\ -1 & -\tan\theta & 1 \end{vmatrix}$, then the set $\left\{f(\theta): 0 \le \theta < \frac{\pi}{2}\right\}$ is	(s) $(-\infty, -1]\cup[1, \infty)$
	(t) $(-\infty, 0]\cup[2, \infty)$
(D) If $f(x) = x^{3/2}(3x-10)$, $x \ge 0$, then $f(x)$ is increasing in	

ANSWER: A : s
B : t
C : r
D : r