1.	P: A Stream line is parallel to the local velocity
	Vector in the fluid =) (True.)
	Q: Pathlines and streaklines could be different
	in an unsteady flow => (Torue)
	R: Streaklines are produced by instantaneously
	injecting due at a point =) (False)
	S: Streamlines and streak lines could be different in a steady flow: => False
	PkQ are true => Correct Ans: (A)
	xx
2	$\underline{y} = 2\pi 3 \underline{i} + 5t \underline{j} + t \underline{y} \underline{\ell}.$
	$a = D\overline{n} = 3\overline{n} + n^{2} 3\overline{n} + n^{2} 3\overline{n} + n^{2} 3\overline{n} + n^{2} 3\overline{n}$
	<u> 24 = 5j. + 44.</u> 2t
ninitan ninita	$\frac{\partial \mathcal{U}}{\partial x} = 23 \underline{\dot{c}} \dot{y} \frac{\partial \mathcal{U}}{\partial x} = 4 \frac{3^2}{4} \underline{\dot{c}}$
	2x
	29 = tk; 24 24 = 5 t2 k
	2y
	$\frac{\partial y}{\partial y} = 2z \dot{c}; \frac{\partial y}{\partial z} = 2zyt \dot{z}$
	23
	& Z
PCC	



