

Solved MCQs of Physics for Kelvin's Circulation Theorem and the Starting Vortex in Aerodynamics.

At the downstream thin sheet of intense vorticity is unstable?

- (A). True
- (B). False
- (C). Partially True

MCQ Answer: a

The density of the inviscid incompressible fluid is constant?

- (A). False
- (B). True
- (C). Partially True

MCQ Answer: a

'C' indicates a dyed circuit, composed of the same fluid particles?

- (A). False
- (B). True
- (C). Partially True

MCQ Answer: b

To weaker conditions, kelvin established his result subject?

- (A). True
- (B). False

(C). Partially True

MCQ Answer: a

The dyed circuit is not required for kelvin circulation?

(A). True

(B). False

(C). Partially True

MCQ Answer: a

Around the C, the circulation is constant?

(A). True

(B). False

(C). Partially True

MCQ Answer: a

To generate the lift on an airfoil the starting vortex is necessary?

(A). True

(B). False

(C). Partially True

MCQ Answer: a

Around the closed-circuit, the circulation is zero?

(A). True

(B). False

(C). Partially True

MCQ Answer: a

Around the airfoil what is the circulation?

(A). Positive

(B). Negative

(C). Constant

(D). Slightly varies

MCQ Answer: b

Initially, the fluid is in irrotational motion?

(A). True

(B). False

(C). Partially True

MCQ Answer: a

Around a closed curve, the time rate of change of circulation is zero?

(A). True

(B). False

(C). Partially True

MCQ Answer: a

