

## Fluid dynamics MCQs Solved Questions Answers for test

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Here, we are discussing 12 more MCQs of Fluid Dynamics in Physics.

1. What does fluid means?

- (a) To fall
- (b) To flow
- (c) To oppose
- (d) To rising
- (e) None of these

Answer: (b)

2. Law of conservation of energy is based upon ...

- (a) Stoke's law
- (b) Bernoulli's theorem
- (c) Carnot's theorem
- (d) Both a and b
- (e) None of these

Answer: (b)

3. What is the study of the properties of fluids in motion is called?

- (a) Fluid dynamics
- (b) Fluid Statics
- (c) Dynamics
- (d) Both a and b
- (e) None of these

Answer: (a)

4. The internal friction of fluid is known as ...

- (a) Resistance
- (b) Surface tension
- (c) Cohesive force
- (d) Viscosity
- (e) None of these

Answer: (d)

5. The formula of friction force  $F$  in a liquid was first suggested by

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- (a) Newton
- (b) Maxwell
- (c) Plank
- (d) Galileo
- (e) None of these

Answer: (b)

6. Stokes law hold for bodies of

- (a) Oblong shape
- (b) Spherical shape
- (c) Rectangular shape
- (d) Curve shape
- (e) None of these

Answer: (b)

7.. When an object moves through a fluid experience a retarding force is known as ...

- (a) Surface tension
- (b) Frictional force
- (c) Gravitational force
- (d) Drag force
- (e) None of these

Answer: (d)

8. Stokes law holds for

- (a) Motion through a viscous medium
- (b) Motion through free space
- (c) Bodies of all shape
- (d) Motion through free space
- (e) None of these

Answer: (a)

9. Incompressible and non-viscous fluid is called

- (a) Ideal fluid
- (b) Non-ideal fluid
- (c) Perfect fluid
- (d) viscous fluid
- (e) None of these

Answer: (a)

10. Drage force between layers under consideration depends

- (a) The surface area of the layer

- (b) The distance between the layers
- (c) the relative velocity between them
- (d) All of the above
- (e) None of these

Answer: (d)



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