

Gravitational Force

1. Answer the following questions:

A. Explain gravitational force?

B. What is elliptical Orbit?

C. What is angular velocity?

2. Write True or False:-

A. Gravitational setting is opposed by friction.

B. Gravity has no significant influence at the level of subatomic particles.

C. Gravity is the most significant interaction between objects at the Macroscopic scale.

3. Fill in the blanks:-

- A. Gravitational forces between molecules are comparatively small relative to _____ or _____ forces.
- B. Gravity gives weight to _____.
- C. The _____ and _____ of Gravity was explored by a wide range of ancient scholars.

4. Match the following:-

Column A	Column B
i. Pressure	A. Contact force
ii. Gravity	B. Measure of gravity on object
iii. Weight	C. Action at a distance force
iv. Friction	D. Force per unit