

Study Material for Chapter Gravitation (SA2)

- Thrust: Force acting on an object perpendicular to the surface is called thrust.
- Pressure: The thrust on unit area is called pressure.
- 1 Pa: 1 Pa is the pressure applied on an object by a thrust of 1 N on an area of 1 m^2
- Buoyancy: The tendency of a fluid to exert an upward force on an object immersed in it is called Buoyancy.
- Buoyant Force: The upward force acting on an object immersed in a fluid is called buoyant force.
- Archimedes' Principle: Archimedes' Principle states that when an object is wholly or partially immersed in a fluid it experiences a buoyant force equal to the weight of the fluid displaced by it.
- Density: Mass per unit volume of a substance.
- Relative Density: The ratio of the density of a substance to that of water.

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