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□ (زانستی گشتی - تاقیگه‌ی فیزیای گشتی - قوناغی یهك)

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- 1- The acceleration of free fall by means of the simple pendulum.
- 2- The velocity of sound by means of a resonance tube closed at one end.
- 3- The bottle resonator: to investigate the relationship between the volume of the air and the frequency of the note to which it resonates.
- 4- To investigate how the time of vibration varies with the length vibrating.
- 5- To investigate how the time of vibration varies with the masses on the load.
- 6- To investigate how the sag of the free end of a weighted cantilever varies with the length of the cantilever.
- 7- To measure the refractive index of water.
- 8- To measure the refractive index of glass.
- 9- Determination of the mass of a body using the principle of moments.
- 10- Determination of the relative density density of a liquid using the U tube
- 11- Determination of the refractive index of glass using the travelling microscope and a block of glass.
- 12- Determination of the atmospheric pressure using the quill tube.
- 13- Point to mutually perpendicular diameters should be measured. The diameter of the cylinder should be similarly measured with a Vernier calipers.
- 14- Statical experimental: to verify Hook's law and to determine the extension per unit mass of added load.

15- Hook's law – Dynamical method for evaluation of g from two experimental.