

Vidya Bhawan, Balika Vidyapith

Lakhisarai

Sub. Physical edu. , Class . 12th

BASED ON NCERT

1 Mark Questions

Question 1.

What is the difference between axis and plane?

Answer:

An axis is an imaginary line about which the body or limb rotates. A plane is an imaginary flat surface along which a movement takes place.

Question 2.

Elucidate projectile motion.

Answer:

It refers to the motion of an object projected into the air at an angle.

Question 3.

An object thrown into space either horizontally or at an acute angle under the action of gravity is called a projectile. Name the two forces which act on a projectile. All India 2017

Answer:

The two forces that act on a projectile are. propelling force and force of gravity.

Question 4.

What is the first law of Newton?

Answer:

This law states that a body at rest will remain at rest and a body in motion will remain in motion at the same speed and in the same direction till any external force is applied on it to change state.

Question 5.

Explain what is 'dynamic friction'? (All India 2016)

Answer:

Dynamic friction is the opposing force that comes into play when one body is actually moving over the surface of another body.

Dynamic friction may be of two types i.e. sliding friction and rolling friction.