

Worksheet for class VI (Physics)

Q1. Name the following:-

- i) The S.I unit of length.
- ii) The amount of surface occupied by an object.
- iii) The normal temperature of a human body in $^{\circ}\text{C}$.
- iv) The ability of a moving object to do mechanical work.
- v) The type of energy the food we eat have.
- vi) The force applied to move an object.
- vii) A simple machine formed of two inclined planes.
- viii) Mass per unit volume of a substance.
- ix) Motion of the earth around the sun.
- x) Device that displays the speed of a moving vehicles.

Q2. Find the odd one out.

- i) sand clock, minute, second, hour.
- ii) push, pull, power house, squeeze.
- iii) weight, force, sound, area.
- iv) petroleum, coal, wood, kerosene.
- v) rubber, wood, steel, glass.

Q3. State True or False.

- i) Paper is a magnetic material.
- ii) The ability to do work is called energy.
- iii) A camel can run faster and easily on a desert than a horse.
- iv) The contact force can act through a distance.
- v) The standard unit of time is hour.

Q4. Answer the following:-

- a) A square box of side 6m and a rectangular box of size 4m x 9m? Which one has a bigger area?
- b) What are the effects of force?
- c) Why is the bottom part of the foundation of a building made wider?
- d) Write the energy change that takes place in a burning candle.
- e) Name any four materials that are attracted by magnets. Iron, Steel, Nickel, Cobalt