

Homework
Class 9 A,B
Subject: Physics

FROM 06-04-2020 TO 30-04-2020

During First Week: (06-04-2020 to 12-04-202-)

CHAPTER No. 6: Work and Energy.

Work, types of work (Positive and Negative), conditions for work and the equation for work when force makes some angle with horizontal.

Energy and its unit, types of energy, forms of energy and sources of energy (Renewable and non-renewable)

Derivation of the equation for Kinetic Energy. $K.E = \frac{1}{2}mv^2$

Derivation of the equation for Potential Energy. $P.E = mgh$

Inter conversion of energy (Law of conservation of energy); Energy and Environment.

During Second Week: (13-04-2020 to 19-04-2020)

Power its symbol and unit; Watt and its definition, Efficiency of a machine.

Short Questions and solution of the **numerical problems**. (Daily five Numerical).

During Third Week: (20-04-2020 to 26-04-2020)

Chapter No.7: Properties of Matter

Kinetic Molecular Model of Matter. (Solid, Liquid, Gases and Plasma)

Density its symbol and unit. ($\rho = \frac{m}{V}$).

Pressure, its symbol and unit. ($P = \frac{F}{A}$). Pascal and unit of Pascal.

Note: For rest of the days you will solve the tests given to you on Google class room.

Please feel free to contact me if you find any difficulty.

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