

## ASSIGNMENT No.2

## CLASS O-III



### Chapter No. 18 D.C Circuits.

What are the D.C Circuits? Equivalent resistance in series and Parallel Circuits. Types of electrical circuits (Series & parallel). Derivations of  $R_e = R_1 + R_2 + R_3 + R_4 + \dots$

And  $\frac{1}{R} = \frac{1}{R_1} + \frac{1}{R_2} + \frac{1}{R_3} + \frac{1}{R_4} + \dots$

The solution of the examples and exercise.

### Chapter No. 19. Practical Electricity.

Uses of electricity, Electric heating, Measurement of Electrical Energy (Joule's Heat Law).

Derivation of  $E = I^2Rt$ .

**If you find any problem, feel free to contact me at**

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