

Holiday syllabus for class VI:

- (1) learn and write about the Safety Precaution while working on Electrical system
- (2) learn how to Connect a bulb in a holder.

Holiday syllabus for class VII:

- (1) learn and write about the Sources of AC & DC, Use of AC & DC and Static and dynamic electricity
- (2)) learn how to Assembling of a simple circuit with one bulb, one holder and a switch
- (3)) learn how to Assembling of two bulbs, two holders with controlled by a switch

Holiday syllabus for class VIII:

(1) Learn and write about the Safety rules:

- Electrical safety rules
- Electrical Shock and its treatment
- First aid to be observed in case of Electrical Shock

(2) Learn and write about the Fuse and its function . also write about the Types of fuse, use and their diagram

- (3) Learn about the Connection of three bubs in series and learn its properties
Learn about the Connection of three bubs in Parallel and learn its properties

Holiday syllabus for class IX:

(1) Learn and write about Safety device :

- Fuse
 - Circuit breakers (Earth leakage Circuit breaker, Miniature circuit breaker)
 - Isolators (Two poles & Four poles)
- (2) Identify the objects needed for house wiring
Do the practical switch board connection of :
- a) One load, one switch
 - b) Two loads, two switches
 - c) One load, two switches
 - d) Two loads, one switch

Holiday syllabus for class X:

(1) Learn and write about the Thermal Power Station

- Working Principles
- Schematic Diagram
- Places where thermal power houses are located

(2) Learn and write about the nuclear Power Station

- Working Principles

- Schematic Diagram
- Places where thermal power houses are located

(3) Do the practical switch board connection of:

- a) Multiple switches with multiple loads
- b) Multiple switches and plugs points
- c) Incorporation of fuse
- d) Incorporation of Indicator

Holiday syllabus for class XI:

- (1) Learn and write about the Resistance , color code and resistance in series and parallel.
- (2) Study of Fluorescent Tube light . Complete details of all components and circuit.
- (3) Do the practical of Assembling a series & parallel circuit and mixed circuit using bulb and resistors

Holiday syllabus for class XII:

- (1) Study and write about Electrical motors
 - a) Basic principals
 - b) Working method
- (2) Study and write on appliances having Induction motors
 - a) Table fan
 - b) Ceiling fan
 - c) Exhaust fan
 - d) Room cooler etc.
- (3) Working principle and Block diagram of a simple transmitter circuit.