

Physics - 10th Class Physics English Medium Short Question Preparations

Q1. What is SONAR?

Ans 1: SONAR is "sound navigation and ranging". It is a technique used to estimate the distance of object from the ocean surface.

Q2. What is a cathode ray tube?

Ans 1: A vacuum tube used to accelerate electrons which emit from the cathode by applying high voltage between cathode and anode is called ray tube.

Q3. What kind of nature light have?

Ans 1: Light has dual nature wave as well as particle nature.

Q4. What is differentiate between data and information.

Ans 1: Data: data are facts and figures that are used by programs to produce useful information .It may be nt he form of text, graphic or figure that can be recorded and that have specific meaning.

Ans 2: Information: In computer terminology, processed data is called information. Computer process the data and converts it into useful information. This information is transmitted to distant places in the form of sound picture and computerized data.

Q5. What do you mean by Information communication technology.

Ans 1: Information and communication technology are the scientific methods and means to store, process and transmit vast amount of information is seconds with help of electronic equipments.

Q6. Define concave and diverging lens.

Ans 1: The lens which causes incident parallel rays of light to diverge from a point is called concave lens.
Shape: This lens is thin at the centre and the thick at the edges.

Q7. Explain application of electromagnet with the help of relay?

Ans 1: Relay; A relay is an electrical switch that opens and closes under the control of electrical circuit.
FUNCTION: The relay is used to control a large current with the help of small current.

Q8. What is lens? How it works ?

Ans 1: A lens is a transparent material having two surfaces of which at least one is curved.
Working lenses: Lenses refract light in such a way that an image of the object is formed.

Q9. Define electric power.

Ans 1: The amount of energy supplied by current in unit time is known as electric power.
Units: Its unit is watt.
 $P = \text{energy} / \text{time}$.
Unit is joule

Q10. What is voltmeter?

Ans 1: It is a instrument which is used to measure the voltage or potential difference across the appliance. It is also used the measure the e.m.f in battery. Its resistance is very high. It is always connected in parallel in the circuit.
