

Date: Feb 24, 2025

TENDER HEART HIGH SCHOOL; SEC-33B, CHD.

Page-1

Subject: → PHYSICS

CLASS-VII

Revision-Assignment

- Fillups: →
- ① A _____ image cannot be obtained on a screen.
 - ② Primary colours are red, _____ and green. → (Blue)
 - ③ According to law of reflection, angle of incidence = _____
 - ④ Heat transfer in solids is by _____.
 - ⑤ Still air is an _____ of heat
 - ⑥ In a process of Convection, heat travels _____. Ans (vertically upwards)
 - ⑦ Kelvin is the S.I unit of _____. Ans (Temperature)
 - ⑧ The temperature of a normal human body is _____ °F. Ans (98.6 °F)
 - ⑨ An Echo is a sound heard after _____. (Reflection)
 - ⑩ The pitch of a sound depends upon its _____.
 - ⑪ _____ produces sensation in ears.
 - ⑫ Female voice is _____ than male voice. (Shriller)
 - ⑬ Sound cannot travel in _____. (vacuum)
 - ⑭ Wavelength is measured in _____. (metre).
 - ⑮ A magnet has _____ poles.
 - ⑯ In a torch the source of electricity is _____. (the cell)
 - ⑰ Electromagnets are usually made up of _____. (Soft iron)
 - ⑱ A group of two or more cells is called _____.
 - ⑲ Switch is an _____ device in an electric circuit (ON-OFF)
 - ⑳ A freely suspended magnet rests in _____ direction. (North-South)

① → True / False (Write the correct statements for the following in form of true and false)

Page-2

- ① All metals are conductors of electricity.
- ② Electricity does not pass through rubber. (True)
- ③ An electromagnet is used in a radio set (False)
- ④ Sound travels fastest in gases (False)
- ⑤ Larger is the amplitude, feeble is the sound.
- ⑥ A ticking ^{clock} sound is heard late when heard through a metal.
- ⑦ A shriller sound is of high pitch (True)
- ⑧ Water is a bad conductor of heat
- ⑨ Liquids are heated by conduction and radiation.
- ⑩ Temperature of pure melting ice is 95°C (False)
- ⑪ On heating a body, its temperature rises (True)
- ⑫ The bottom part of cooking utensil or pan is painted black because black surface absorbs less heat (False)
- ⑬ The speed of light in vacuum is $3 \times 10^4 \text{ m/s}$ (False)
- ⑭ The image formed by a plane mirror can be obtained on screen
- ⑮ Magenta, cyan and yellow are the secondary colours.
- ⑯ The white paper absorbs the light of all the colours and reflects none. (False)
- ⑰ The angle of incidence on a plane mirror is 30° , The angle of reflection will be 30° (True)
- ⑱ ^{when} $\wedge$ The light ray passes from air to glass then its speed slows down. (True)