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| Sub- Phy Month | Chapter | Period | Activity Topics | P.T.  (M.T) | Internal Assessment  C.W./H.W.,  NOTEBOOK SUBMISSION | Subject Enrichment | Marks | | |
| 1ST  TERM | 2ND  TERM | 3RD  TERM |
| APRIL  MAY  JUNE/JULY  AUGUST  SEPTEMBER  OCTOBER /NOVEMBER  DECEMBER  JANUARY | Chapter 9 : Light reflection and refraction  Chapter 10 : The human eye and colourful world  Effect of current  Magnetic effect of current | Period 26  period 10  period 10 | Reflection of light by curve surface, image formed by spherical mirrors, centre of curvature, principal axis, principle focus, focal length, mirror formula (derivation not required ) ,magnification , refraction, laws of refraction , refractive index , refraction of light by spherical lens, image formed by spherical lens , lens formula (derivation not required) magnification, power of a lens .  Functioning of a lens in human eye, defects of vision and their correction, application of spherical mirror and lenses . Refraction of light through a prism, dispersion of light, scattering of light, application in daily life (Excluding colour of the sun at sunrise and sunset).  Electric current, potential difference and electric current, ohm's law, resistance , resistivity, factors on which resistance of a conductor depends, series combination of resistors combination of resistors, parallel combination of resistors and its applications in daily life, heating effect of electric current and its application in daily life, electric power, interrelation between P,V, I and R .  Revision  term 1 exam  Magnetic field , field lines, field due to a currentcarrying conductor , field due to current carrying coil or solenoid , force on current carrying conductor, Flaming’s left hand rule, direct current, alternating current, frequency of AC , advantage of AC over DC, domestic electric circuit , natural resources.    REVISION  PRE – BOARD EXM | 22/04/ 2024  &  29/04/2024  Written test  8/5/ 2024 | Some oral questions and answer , some practical demonstration regarding light  Oral activity  Written test  26/6/2024  Written test  21/8/2024  Written test  06/11/2024 | Showing propagation of light through many medium and many spherical reflecting surface image formation mainly  Regularity assignment completion neatness and up keeping of note book  Lab activity. | 12  13 | 12  13 | 12  13 |

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| Portion for Monday test :-  M.T. : -01 (22/04/2024)  Portions :- Chapter 9 : Reflection of light  M.T. :- 02 ( 29/08/2024)  Portions :- chapter 9 Refraction of light  M.T. :- 03 ( 22/07/2024)  Portions :- Chapter 10 : The human eye and colourful world  M.T. :- 04 ( 26/08/2024 )  Portions :- Chapter 10 : The human eye and colourful world, Ch -11 | | | Portion for Unit test :-  Portions of UT – 01 [ 25/05/2024 – 02/06/2024 ]  Chapter -0 9  Portions of UT – 02 [ 01/08/2024 – 10/08/2024 ]  Chapter -10  Portions of UT – 03 [ 08/11/2024 – 13/11/2024 ]  Chapter -11  Portions of UT – 04 [ 01/02/2025 – 09/02/2025 ]  chapter -12 | |
| M.T. :- 05 ( 11/11/2024 )  Portions :- Chapter 11, Chapter 12 | M.T. :- 06 ( 13/01/2025 )  Portions :- Chapter 12 | |
| 1ST TERM EXM :  Chapter -9, 10,11 | | Portion for terminal exm :-  MID TERM EXM :  Chapter -11,12 | | YEARLY EXM :  Chapter – 9 TO 12 |