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| Sub- Phy Month | Chapter | Period | Activity Topics | P.T.(M.T) | Internal AssessmentC.W./H.W., NOTEBOOK SUBMISSION | Subject Enrichment | Marks |
| 1STTERM | 2NDTERM | 3RDTERM |
| APRILMAYJUNE/JULYAUGUSTSEPTEMBEROCTOBER /NOVEMBERDECEMBERJANUARY | Chapter 9 : Light reflection and refractionChapter 10 : The human eye and colourful worldEffect of currentMagnetic effect of current | Period 26period 10period 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 examMagnetic 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. REVISIONPRE – BOARD EXM | 22/04/ 2024&29/04/2024Written test8/5/ 2024 | Some oral questions and answer , some practical demonstration regarding lightOral activityWritten test26/6/2024Written test21/8/2024Written test06/11/2024 | Showing propagation of light through many medium and many spherical reflecting surface image formation mainlyRegularity assignment completion neatness and up keeping of note bookLab activity. | 1213 | 1213 | 1213 |

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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 lightM.T. :- 03 ( 22/07/2024)Portions :- Chapter 10 : The human eye and colourful worldM.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 9Portions of UT – 02 [ 01/08/2024 – 10/08/2024 ]Chapter -10Portions of UT – 03 [ 08/11/2024 – 13/11/2024 ]Chapter -11Portions 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 |