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## **D.M.PUBLIC SCHOOL**

## PARSIA, PUTKI, DHANBAD

Fortnightly Syllabus Planning (2024-25)

## Class: X

Subject: PHYSICS

SI No         Duration         No. of Teachin g Days         Syllabus to be covered           1         5 <sup>th</sup> April - 15 <sup>th</sup> April         7         CHAPTER-1 Reflection of light Introduction Definition, Example           2         16 <sup>th</sup> April - 30 <sup>th</sup> April         7         Image formation in concave mirror           3         1 <sup>st</sup> May - 15 <sup>th</sup> May         7         Image formation in concave mirror           4         16 <sup>th</sup> June - 30 <sup>st</sup> June         7         Mirror formula , sign convention & magnification (Revision )           5         1 <sup>st</sup> July - 9 <sup>th</sup> July - PRE MID TERM EXAMINATION         6           6         10 <sup>th</sup> July - 31 <sup>th</sup> July         14         CHAPTER- 2 REFRACTION OF LIGHT : INTRO. & LAWS           7         1 <sup>st</sup> Aug - 15 <sup>th</sup> Aug         7         Types of lens & refractive index           8         16 <sup>th</sup> Aug - 31 <sup>st</sup> Aug         7         Image formation in convex & concave lenses           9         1 <sup>st</sup> Sep - 12 <sup>th</sup> Sep         7         Sign convention, lens maker formula , magnification           10         13 <sup>st</sup> Sep - 1 <sup>th</sup> Oct - MID TERM EXAMINATION         7           11         2 <sup>st</sup> Oct - 31 <sup>st</sup> Oct         7           12         16 <sup>th</sup> Oct - 31 <sup>st</sup> Oct         7           13         1 <sup>st</sup> Nov - 15 <sup>th</sup> Nov         7           14         16 <sup>th</sup> Nov - 30 <sup>th</sup>	New Session begins on 4 <sup>th</sup> April, 2024						
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7       14     16 <sup>th</sup> Nov – 30 <sup>th</sup> Nov         7   Heating effects of electric current	12	16 <sup>th</sup> Oct – 31 <sup>st</sup> Oct	7	Definition & symbols , concepts			
7       14     16 <sup>th</sup> Nov – 30 <sup>th</sup> Nov         7   Heating effects of electric current							
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14 16 <sup>th</sup> Nov – 30 <sup>th</sup> Nov							
			7	Heating effects of electric current			
	14	16 <sup>th</sup> Nov – 30 <sup>th</sup> Nov					
Revision.				Revision.			

15	2 <sup>st</sup> Dec- 10 <sup>th</sup> Dec - POST MID TERM EXAMINATION				
16	11 <sup>th</sup> Dec – 24 <sup>st</sup> Dec	7	CHAPTER-04 Magnetic effect of electric current introduction		
17	3 <sup>st</sup> Jan – 15 <sup>th</sup> Jan	7	Flemings left hand rule & it's numericals ,Thumb rule		
18	16 <sup>th</sup> Jan – 31 <sup>st</sup> Jan	7	Principles of motor , AC & DC		
19	1 <sup>st</sup> Feb – 15 <sup>th</sup> Feb	7	Revision NCERT Intext and excercise questions		
20	20 <sup>th</sup> Feb to 8 <sup>th</sup> March: Annual Examination				

## Portion For Assessments

Assessment	Portion
PRE MID TERM (PT 1)	Reflection of light
MID TERM	Reflection of light
	REFRACTION of light
POST MID TERM (PT 2)	Electricity
ANNUAL	Reflection of light REFRACTION of light Electricity Magnetic effect of electric current