



D.M.PUBLIC SCHOOL

PARSIA, PUTKI, DHANBAD

Fortnightly Syllabus Planning (2024-25)

Class: X

Subject: PHYSICS

New Session begins on 4th April, 2024

| Sl No | Duration | No. of Teaching Days | Syllabus to be covered |
|-------|---|----------------------|---|
| 1 | 5 th April - 15 th April | 7 | CHAPTER- 1 Reflection of light Introduction Definition, Example |
| 2 | 16 th April – 30 th April | 7 | Image formation in concave mirror |
| 3 | 1 st May – 15 th May | 7 | Image formation in convex mirror |
| 4 | 16 th June – 30 st June | 7 | Mirror formula , sign convention & magnification (Revision) |
| 5 | 1st July – 9th July - PRE MID TERM EXAMINATION | | |
| 6 | 10 th July – 31 th July | 14 | CHAPTER- 2 REFRACTION OF LIGHT : INTRO. & LAWS |
| 7 | 1 st Aug – 15 th Aug | 7 | Types of lens & refractive index |
| 8 | 16 th Aug – 31 st Aug | 7 | Image formation in convex & concave lenses |
| 9 | 1 st Sep – 12 th Sep | 7 | Sign convention, lens maker formula , magnification Revision |
| 10 | 13st Sep– 1th Oct - MID TERM EXAMINATION | | |
| 11 | 2 nd Oct – 15 th Oct | 7 | CHAPTER-3 Current Electricity |
| 12 | 16 th Oct – 31 st Oct | 7 | Definition & symbols , concepts |
| 13 | 1 st Nov – 15 th Nov | 7 | Ohms law & it's numericals |
| 14 | 16 th Nov – 30 th Nov | 7 | Heating effects of electric current Revision. |

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