


ST. MARY'S ENGLISH HIGH SCHOOL, JAMSHEDPUR

Class: XII-A1, A2 & B

SYLLABUS FOR THE YEAR 2019-20

Subject: Physics (042)

| FIRST PERIODICAL (APRIL TO JUNE) | SECOND PERIODICAL (JULY TO SEPTEMBER) |
|--|---|
| Topic/Chapter | Topic/Chapter |
| <ol style="list-style-type: none"> 1. Electric Charges and Fields 2. Electrostatic Potential and Capacitance. 3. Current Electricity. 4. Moving Charges and Magnetism. 5. Magnetism and Matter. | <ol style="list-style-type: none"> 1. Electromagnetic Induction. 2. Alternating Current. 3. Electromagnetic Waves. 4. Ray Optics and Optical Instruments. |
| THIRD PERIODICAL (OCTOBER TO DECEMBER) | ANNUAL EXAM (JANUARY & FEBRUARY) |
| Topic/Chapter | Topic/Chapter |
| <ol style="list-style-type: none"> 1. Wave Optics. 2. Dual Nature of Radiation and Matter. 3. Atoms and Nuclei. 4. Semiconductor Electronics. |  |

Date: 01/05/2019

Signatures 1. P. Paul

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