**GREENWOOD PUBLIC SCHOOL, ADITYAPURAM, GWALIOR**

**OUR MOTTO- DEVELOPMENT WITH DELIGHT**

**XII (PCM+PCB) SYLLABUS FOR MID TERM EXAMINATION (2024-25)**

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| **SUBJECT** | **SYLLABUS** |
| **ENGLISH** | **Flamingo-**Ch-1: The Last Lesson, Ch-2: Lost Spring, Ch-3: Deep Water, Ch-4 Poet and Pancake, Ch-5 Interview, Ch-6: Going Places, Ch-7: The Rattrap, Ch-8: Indigo  **Vistas-**Ch-1: The Third Level, Ch-2: The Tiger King, Ch-3: Journey to the end of the Earth, Ch-4 The Enemy, Ch-5 On the face of it, Ch-6 Memories of Childhood  **Poetry-** 1. My Mother at Sixty Six, 2. Keeping Quiet, 3. A Thing of Beauty, 4. Aunt Jennifer’s Tiger, 5. Road Side Stand  **Writing Skills-**Notice, Formal/Informal Invitation, Letters- Job Application, Letter to Editor, Article/Report writing, descriptive and analytical in nature. |
| **PHYSICS** | 1. Electric charges and fields, 2. Electric Potential and capacitance, 3. Current electricity  4. Ray Optics, 5. Wave Optics |
| **CHEMISTRY** | 1. Solutions  2. Electrochemistry  3. Chemical Kinetics  4. Haloalkanes and Haloarenes  5. Alcohols, Phenols and Ethers  6. Aldehydes, Ketons and Carboxylic Acids  7. Amines |

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| **SUBJECT** | **SYLLABUS** |
| **MATHEMATICS** | Ch-1: Relations and Functions, Ch-2: Inverse Trigonometry Functions  Ch-3: Matrices, Ch-4: Determinants, Ch-5: Continuity and differentiability  Ch-6: Application of derivatives, Ch-7: Integrals |
| **BIOLOGY** | 1. Sexual Reproduction in Flowering Plants, 2. Human Reproduction  3. Reproductive Health, 4. Principles of inheritance & variation  5. Molecular Basis of inheritance, 6. Evolution  7. Human, Health & Disease, 8. Microbes in Human Welfare |
| **PAINTING** | 1. The Rajasthani School, 2. The Pahari School, 3. The Mughal School, 4. The Deccan School, 5. Bengal School of Painting, 6. The Modern Trends in Indian Art |
| **PHYSICAL EDUCATION** | **Unit-1:** Management in Sports Events, **Unit-2:** Children & Women in Sports,  **Unit-3:** Yoga, **Unit-4:** Physical Education and Sports for CWSN, **Unit-5:** Sports and Nutrition |
| **COMPUTER SCIENCE** | **Ch-1:** Exception handling in Python, **Ch-2:** File handling in Python, **Ch-3:** Stack, **Ch-4:** Queue**, Ch-5:** Sorting |

**SD/-**

**PRINCIPAL**

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