


PKM EM SCHOOL
YEARLY SYLLABUS -2025-26
CLASS – XI (SCIENCE)

SUBJECT	P.T- 1	P.T - 2	P.T- 3	ANNUAL EXAM
ENGLISH	<p>SEC-A Reading Skills</p> <ol style="list-style-type: none"> 1.Unseen Passage 2. Note Making <p>SEC-B Grammar & Writing</p> <ol style="list-style-type: none"> 1. Gap Filling (Tenses, Clauses) 2. Questions On Reordering of sentences 4. Advertisement Writing 5. Poster making <p>SEC-C Hornbill</p> <ol style="list-style-type: none"> 1. The portrait of a lady (Prose) 2. A Photograph (Poetry) 3. We're not afraid to die (Prose) 4. The Laburnum Top (Poetry) <p>Snapshots</p> <ol style="list-style-type: none"> 1. The summer of the beautiful White Horse 	<p>SEC-A Reading Skills</p> <ol style="list-style-type: none"> 2. Case-based factual passage 3. Note Making <p>SEC-B Grammar & Writing</p> <ol style="list-style-type: none"> 1. Gap Filling (Tenses, Clauses) 3. Transformation of sentences 4. Speech Writing 5. Debate Writing <p>SEC-C Hornbill</p> <ol style="list-style-type: none"> 1. Discovering Tut: The saga continues (Prose) 2. The voice of the rain (Poetry) 3. childhood (Poetry) <p>Snapshots</p> <ol style="list-style-type: none"> 1. The address 2. Mother's Day 	<p>SEC-A Reading Skills</p> <ol style="list-style-type: none"> 1. Unseen Passage/Case-based factual passage 3. Note Making <p>SEC-B Grammar & Writing</p> <ol style="list-style-type: none"> 1. Gap Filling (Tenses, Clauses) 2. Questions On Reordering of sentences 3. Transformation of sentences 4. Advertisement Writing/ Speech Writing 5. Poster making/ Debate Writing <p>SEC-C Hornbill</p> <ol style="list-style-type: none"> 1. The Adventure (Prose) 2. Silk Road (Prose) 3. father to Son (Poetry) <p>Snapshots</p> <ol style="list-style-type: none"> 1. Birth 2. The Tale of melon City 	Syllabus of Periodic 1, 2 and 3

BIOLOGY	Ch-1: The living world Ch-2: Biological Classification Ch-3: Plant Kingdom Ch-4: Animal Kingdom Ch-5: Morphology of Flowering Plants Ch-6: Anatomy of Flowering Plants	Ch-7: Structural organisation in Animal Ch-8: Cell The Unit of Life Ch-9: Biomolecules Ch-10: Cell Cycle and Cell Division Ch-11: Transport in Plants Ch-13: Photosynthesis in Higher Plants	Ch-14: Respiration in Plants Ch-16: Digestion and Absorption Ch-17: Breathing and exchange of Gases Ch-18: Body Fluid and Circulation Ch-19: Excretory Product and their Elimination Ch-22: Chemical Coordination and integration	Syllabus of Periodic 1, 2 and 3
PHYSICS	Ch 1 Units and Measurements Ch 2 Motion in a straight line Ch 3 Motion in a plane Ch 8 Mechanical properties of Solids Ch 11 Thermodynamics	Ch 4 Laws of motion Ch 5 Work, Energy and Power Ch 7 Gravitation Ch 9 Mechanical Properties of Fluids Ch 10 Thermal Properties of Matter	Ch 6 System of Particles and rotational Motion Ch 12 Kinetic Theory Ch 13 Oscillation Ch 14 Waves	Syllabus of Periodic 1, 2 and 3
CHEMISTRY	Ch-1. Some basic concept of chemistry Ch-2. Structure of atom Ch-3. Chemical bonding and molecular structure Ch-4. Classification of elements and periodicity in properties	Ch-5. Thermodynamic Ch-6. Equilibrium Ch-7. Redox reaction	Ch-8. Organic chemistry: some basic principle and technique Ch- 9 Hydrocarbons	Syllabus of periodic 1,2 and 3

MATHEMATICS	Ch 1-Sets Ch 2- Relations and Functions Ch 5- Complex numbers and Quadratic equations Ch 6- Linear Inequalities Ch 7- Permutations and Combinations	Ch 3- Trigonometric Functions Ch 8- Binomial Theorem Ch 9- Sequences and Series Ch 10- Straight Lines Ch 12-Introduction to Three-Dimensional Geometry	Ch 11-Conic Sections Ch 13-Limits and Derivatives Ch 16-Probability	Ch 15- Statistics + Syllabus of periodic 1,2 and 3
PHYSICAL EDUCATION	CH 1-Changing trends & career in physical education. CH 2 -Olympism CH 3 -Yoga	CH-4 Physical Education and Sports for CWSN CH 5- Physical Fitness, health and Wellness CH 9- Psychology and sports	CH 6-Test, measurement and evaluation CH 7- Fundamentals of Anatomy, Physiology in sports CH 8 -Fundamentals of Kinesiology and Biomechanics in sports CH 10- Training and doping in sports	Syllabus of periodic 1,2 and 3
COMPUTER SCIENCE	CHAPTER 1 : COMPUTER SYSTEM OVERVIEW CHAPTER 2 : DATA REPRESENTATION CHAPTER 3 : BOOLEAN LOGIC / DBMS CHAPTER 5 : GETTING STARTED WITH PYTHON	CHAPTER 6 : PYTHON FUNDAMENTALS CHAPTER 7 : DATA HANDLING CHAPTER 9 : FLOW OF CONTROL CHAPTER 10 : STRING MANIPULATION	CHAPTER 8 : INTRODUCTION TO PYTHON MODULES CHAPTER 11 : LIST MANIPULATION CHAPTER 15 : SOCIETY, LAW AND ETHICS CHAPTER 12 : TUPLES CHAPTER 14 : CYBER SAFETY + NETWORKING CHAPTER 13 : DICTIONARIES (START UP)	Syllabus of periodic 1,2 and 3


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