

VATSALYA PUBLIC SCHOOL, MANDSAUR
ANNUAL EXAMINATION (2026-27)
CLASS- XI - A

SUBJECTS	SYLLABUS
ENGLISH	READING COMPREHENSION: UNSEEN PASSAGES TEXTBOOK: 1. HORNBILL:- ENGLISH READER • THE PORTRAIT OF THE LADY, • A PHOTOGRAPH (POEM), • WE'RE NOT AFRAID TO DIE, • DISCOVERING TUT: THE SAGA CONTINUES, • THE LABURNUM TOP (POEM), • THE VOICE OF RAIN (POEM), • CHILDHOOD (POEM), • THE ADVENTURE, • SILK ROAD (PROSE), • FATHER TO SON (POEM) 2. SNAPSHOTS:- SUPPLEMENTARY READER • THE SUMMER OF THE BEAUTIFUL WHITE HORSE (PROSE), • THE ADDRESS (PROSE), • MOTHER'S DAY (PLAY) , • BIRTH (PROSE), • THE TALE OF MELON CITY (POEM) WRITING SKILLS: LETTERS , SPEECH , DEBATE , POSTER , ADVERTISEMENT INVITATION (CARD/ LETTER) ONE QUESTION OF EACH TOPIC IS PRACTICED IN THE CLASS . GRAMMAR: VERBS , SENTENCE REORDERING, GAP FILLING, DETERMINERS , NARRATIONS , EDIT / OMIT OF PARAGRAPHS.
MATHEMATICS	Ch.1- Sets, Ch.2- Relations and Functions , Ch.3-Trigonometric Functions, Ch.5- Complex Number and Quadratic Equations, Ch.6- Linear Inequalities, Ch.7- Permutations And Combinations, Ch.8- Binomial Theorem, Ch.9- Sequence and Series, Ch.10- Straight Lines , Ch.11- Conic Sections, Ch.12 -Introduction to Three Dimensional Geometry, Ch.13-Limits and Derivatives, Ch.15- Statistics ,Ch.16- Probability.
PHYSICS	Ch.1- Units and Measurements, Ch.2- Motion in Straight Line, Ch.3- Motion in a Plane , Ch.4- Law of Motion, Ch.5- Work Energy and Power, Ch.6 System of Particles and Rotational Motion, Ch.7 Gravitation, Ch.8- Mechanical Properties of Solid, Ch.9- Mechanical Properties of Fluids, Ch.10- Thermal Properties of Matter, Ch.11- Thermodynamics, Ch.12- Kinetic Theory, Ch.13- Oscillations, Ch.14- Waves.
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 Animals, Ch-8: Cell-The Unit of Life, Ch-10: Cell Cycle and Cell Division, Ch-13: Photosynthesis in Higher Plants, Ch-14: Respiration in Plants, Ch-15- Plant Growth and Development, Ch-17: Breathing and Exchange of Gases ,Ch-18: Body Fluids and Circulation Ch-19: Excretory Products and their Elimination ,Ch-20: Locomotion and Movement,Ch-21: Neural Control and Coordination ,Ch-22: Chemical Coordination and Integration
Physical Education	Ch.1- Changing Trends and Career in P.E. Ch.2- Olympism, Ch.3- Yoga, Ch.4- P.E. and Sports for CWSN, Ch.5- Physical Fitness , Health and Wellness, Ch.6- Test, Measurement and Evaluation, Ch.7- Fundamentals of Anatomy & Physiology in Sports, Ch.8 - Fundamentals of Kinesiology & Biomechanism Sports,Ch.9-Psychology& Sports,Ch.10- Training & Doping in Sports.
COMPUTER SCIENCE	CH.1- COMPUTER SYSTEM OVERVIEW, CH.2- DATA REPRESENTATION, CH.3 BOOLEAN LOGIC, CH.4-INTRODUCTION TO PROBLEM SOLVING . CH.5- GETTING STARTED WITH PYTHON CH.6- PYTHON FUNDAMENTALS, CH.7- DATA HANDLING , CH.8 – FLOW OF CONTROL, CH.9- STRING MANIPULATION, CH.10- LIST MANIPULATION, CH.11 – TUPLES, CH.12 – DICTIONARIES, CH.13 – UNDERSTANDING SORTING, CH.14 – CYBER SAFETY, CH.15 – ONLINE ACCESS AND COMPUTER SECURITY, CH.16 – SOCIETY LAW AND ETHICS.
CHEMISTRY	Ch.1- Some Basic Concepts of Chemistry, Ch.2- Structure of Atom, Ch.3- Classification of Elements and Periodicity in Properties,Ch.4- Chemical Bonding and Molecular Structure, Ch. 5-Thermodynamics, Ch.6- Equilibrium, Ch.7- Redox Reaction, Ch.8- Organic Chemistry- Some Basic Principles and Techniques, Ch.9- Hydrocarbons.