

HILLMAN PUBLIC SCHOOL, AGRA
ANNUAL SYLLABUS
CLASS 11th Science (2024-25)

SUBJECT – PHYSICS (042)

EXAMINATION	CHAPTERS
CLASS TEST	Ch.2. Units & Measurements
PT – 1	Ch.2. Units & Measurements Ch.3. Motion in a Straight Line Ch. 4. Motion in a Plane
HALF YEARLY	Ch.2. Units & Measurements Ch.3. Motion in a Straight Line Ch. 4. Motion in a Plane Ch.5. Laws of Motion Ch.6. Work, Energy, Power Ch.7. System of Particles & Rotational Motion Ch.8. Gravitation
PT – 2	Ch.9. Mechanical Properties of Solids Ch.10. Mechanical Properties of Fluids Ch. 11. Thermal Properties of Matter
ANNUAL EXAM	Note-All Chapters from chapter 2 to chapter 11 including- Ch. 12. Thermodynamics Ch.13. Kinetic Theory Ch.14.Oscillation Ch.15. Waves

SUBJECT – CHEMISTRY (043)

EXAMINATION	CHAPTERS
CLASS TEST	Some basic concepts of chemistry
PT – 1	Some basic concepts of chemistry Structure of atom
HALF YEARLY EXAMINATION	Some basic concepts of chemistry Structure of atom Classification of elements and periodicity in properties Chemical bonding and molecular structure
PT – 2	Chemical thermodynamics Equilibrium

ANNUAL EXAMINATION	Some basic concepts of chemistry Structure of atom Classification of elements and periodicity in properties Chemical bonding and molecular structure Chemical thermodynamics Equilibrium Redox reaction Organic Chemistry: Some basic principles and techniques Hydrocarbons (ALL CHAPTERS – 1 TO 9)
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SUBJECT – MATHEMATICS (041)

EXAMINATION	CHAPTERS
CLASS TEST	CH.8 - Sequence and Series
PT – 1	CH.8 - Sequence and Series CH.1 – Sets CH.2 – Relations and Functions
HALF YEARLY EXAMINATION	CH.1 – Sets CH.2 – Relations and Functions CH.3 – Trigonometric Functions CH.4 – Complex Number and Quadratic Equation CH.5- Linear Inequalities CH.6 – Permutations and Combinations CH.7 – Binomial Theorem CH.8 - Sequence and Series
PT – 2	CH.9 - Straight Line CH.10 – Conic Sections
ANNUAL EXAMINATION	CH.1 – Sets CH.2 – Relations and Functions CH.3 – Trigonometric Functions CH.4 – Complex Number and Quadratic Equation CH.5- Linear Inequalities CH.6 – Permutations and Combinations CH.7 – Binomial Theorem CH.8 - Sequence and Series CH.9 - Straight Line CH.10 – Conic Sections CH.11 – Introduction to 3D Geometry CH.12 – Limits and Derivatives CH.13 – Statistics CH.14 - Probability

SUBJECT – BIOLOGY (044)

EXAMINATION	CHAPTERS
CLASS TEST	Ch-8 Cell -The unit of life
PT – 1	Ch-10 CELL CYCLE AND CELL DIVISION Cell -The unit of life(Repeat)
HALF YEARLY EXAMINATION	Ch-1. THE LIVING WORLD Ch-2.BIOLOGICAL CLASSIFICATION Ch-3. PLANT KINGDOM Ch-4 Animal Kingdom Ch-9 BIOMOLECULES
PT – 2	Ch.5. MORPHOLOGY OF FLOWERING PLANTS Ch.6. ANATOMY OF FLOWERING PLANTS Ch.7. STRUCTURAL ORGANISATION IN ANIMALS
ANNUAL EXAMINATION	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 Co-ordination Ch-22 Chemical co-ordination and Integration

Note: All the chapters According to the CBSE board Syllabus will included in the Final exam.

Annual Examination- Complete syllabus including syllabus of CT, PT1,PT2 and Half Yearly

SUBJECT – PHYSICAL EDUCATION (048)

EXAMINATION	CHAPTERS
CLASS TEST	Ch –1 changing trends and career in physical education
PT – 1	Ch – 2 olympism value education
HALF YEARLY EXAMINATION	Ch.3 Yoga Ch -4 Physical education and sports for CWSN Ch-5 Physical fitness ,wellness and lifestyle
PT – 2	Ch -6 Test measurement and evaluation
ANNUAL EXAMINATION	All chapters 1 to 10

SUBJECT – FINE ARTS (049)

EXAMINATION	CHAPTERS
CLASS TEST	Class 11 Class test 1 - Pre historic rock paintings
PT – 1	PT 1 - Art of Indus Valley
HALF YEARLY EXAMINATION	Half yearly exam - * Buddhist , Jain, and Hindu Art * Pre historic rock paintings * Art of Indus Valley
PT – 2	PT 2 - Buddist, Jain and Hindu Art
ANNUAL EXAM	* Temple sculptures , Bronzes * Artistic aspects of Indo Islamic architecture * Buddhist , Jain, and Hindu Art * Pre historic rock paintings * Art of Indus Valley

SUBJECT- ENGLISH

EXAMINATION	CHAPTERS
CLASS TEST	The Portrait Of A Lady, Tenses
PT – 1	We're Not Afraid To Die, Photograph, Laburnum Top The Summer Of The Beautiful White Horse Notice Writing
HALF YEARLY EXAMINATION	The Address, Ranga's Marriage, Landscape Of The Soul Voice Of The Rain, Father To Son, The Adventure ,Mother's Day Notice, Letter, Note Making Comprehension Tenses, Determiners, Modals
PT – 2	Silk Road, Tale Of Melon City, The Birth Article/ Debate/Speech/Report

ANNUAL EXAM	Complete Syllabus
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SUBJECT – COMPUTER SCIENCE (083)

EXAMINATION	CHAPTERS
CLASS TEST	UNIT – 1 COMPUTER SYSTEMS AND ORGANISATION CH – 1 COMPUTER SYSTEM ORGANISATION CH – 2 DATA REPRESENTATION AND BOOLEAN LOGIC
PT – 1	UNIT – 2 COMPUTATIONAL THINKING AND PROGRAMMING - I CH – 3 COMPUTATIONAL THINKING AND GETTING STARTED WITH PYTHON CH-4 PYTHON PROGRAMMING FUNDAMENTALS CH – 5 CONDITIONAL AND LOOPING CONSTRUCTS CH – 6 STRINGS IN PYTHON CH- 1 & 2
HALF YEARLY EXAMINATION	CH – 7 LISTS IN PYTHON CH – 8 TUPLES AND DICTIONARY CH – 9 INTRODUCTION TO PYTHON MODULES CH – 1 TO 7
PT – 2	CH – 10 ERROR AND EXCEPTION HANDLING IN PYTHON CH – 8 & 9 UNIT – 3 SOCIETY, LAW AND ETHICS CH – 11 DIGITAL FOOTPRINTS
ANNUAL EXAM	COMPLETE SYLLABUS UNIT – 1, 2 & 3 CH – 1 TO 11