



METAS ADVENTIST SCHOOL

Affiliated to CISCE, New Delhi

P. O. Box 24, Athwalines, Surat. Gujarat, India. Ph. : 0261-7160207, 0261-7160208

Portion for Second Term Examination: 2026 - 27 Class XII SCIENCE

Subject	Chapters/Specifications
Life Values	Chapter - 8 Decision - Indecision
	Chapter - 9 What Fashion Means to the Youth
	Chapter - 10 Respect Labour
	Chapter - 11 What Adolescents Go Through
	Chapter - 12 Personality Reflects Your Inner Self
	Chapter - 13 Take Criticism Positively
	Chapter - 14 The Rewards and Blessings of Wisdom
	Chapter - 15 To Live or Not to Live



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Subject	Chapters/Specifications
English Language (Paper 1)	Composition
	Proposal Writing
	Directed Writing - Feature Article, Newspaper Report, Book Review, Blog
	Do as directed, Phrasal verbs, Correct form of word
	Comprehension
English Literature (Paper 2)	Macbeth Act 3 Act 4
	Prism Story 11 Atithi \The Guest Story 12 The Cookie Lady Story 13 There Will Come Soft Rains Story 14 Indigo
	Rhapsody Poem 11 Telephone Conversation Poem 12 Tithonus Poem 13 Beethoven Poem 14 Small Towns And The River



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Subject	Chapters/Specifications
Mathematics	SECTION A:
	Chapter - 1 Relations
	Chapter - 2 Functions
	Chapter - 3 Inverse Trigonometric Functions
	Chapter - 4 Matrices
	Chapter - 5 Determinants
	Chapter - 6 Adjoint and Inverse of a matrix
	Chapter - 7 Continuity and Differentiability of Functions
	Chapter - 8 Differentiation
	Chapter - 9 Applications of Derivatives
	Chapter - 11 Indefinite Integral -1 : Standard Forms
	Chapter - 12 Indefinite Integral - 2: Methods of Integration
	Chapter - 13 Indefinite Integral -3 : Special Integrals
	Chapter - 14 Definite Integrals
	Chapter - 17 Vectors
	Chapter - 18 Scalar and Dot product

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Class XII SCIENCE

Subject	Chapters/Specifications
Physics	Chapter - 1 Coulomb's Law
	Chapter - 2 Electric field, Electric lines of force and Electric Dipole
	Chapter - 3 Gauss' Law and its applications
	Chapter - 4 Electric Potential
	Chapter - 5 Capacitors and Dielectrics
	Chapter - 6 Electric Current: Electric resistance and Ohm's Law
	Chapter - 7 Electric Energy and Power
	Chapter - 8 Cells; Electromotive force; Internal resistance and Grouping of cells
	Chapter - 9 Kirchhoff's Laws and Electrical Measurements
	Chapter - 10 Elementary Magnetism
	Chapter - 11 Magnetic Materials
	Chapter - 12 Magnetic effect of current
	Chapter - 13 Forces on currents and Torques on Dipoles in Magnetic Fields
	Chapter - 14 Electromagnetic Induction
	Chapter - 15 Self and Mutual Induction
	Chapter - 16 Alternating Current
	Chapter - 17 Electromagnetic Waves and Huygens Principle
	Chapter - 18 Interference of Light Waves
	Chapter - 19 Diffraction of Light Waves
	Chapter - 21 Reflection of Light by Spherical Mirrors
	Chapter - 22 Refraction of Light at a Plane Interface

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Subject	Chapters/Specifications
Chemistry	Chapter -1 Solutions
	Chapter -2 Electrochemistry
	Chapter -3 Chemical Kinetics
	Chapter -4 d- and f- Block Elements
	Chapter -5 Coordination compounds
	Chapter -6 Haloalkanes and Haloarenes
	Chapter -7 Alcohols, Phenols and Ethers
	Chapter -8 Aldehydes, Ketones and Carboxylic acids
	Chapter -9 Nitrogen Containing Compounds



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Subject	Chapters/Specifications
Biology	Chapter - 2 Sexual reproduction in flowering plants.
	Chapter - 3 Human reproduction.
	Chapter - 4 Reproductive health : Problems and Strategies.
	Chapter - 5 Principles of Inheritance and variation.
	Chapter - 6 Chromosomes, sex-linked inheritance and human genetic disorders.
	Chapter - 7 Molecular basis of inheritance.
	Chapter - 8 Evolution-origin of life.
	Chapter - 9 Theory of evolution and evolution of man.
	Chapter - 10 Human health and diseases.
	Chapter - 11 Adolescent issues: Alcoholism and drugs.
	Chapter - 14 Microbes in human welfare.
	Chapter - 15 Biotechnology : Principles and processes.
	Chapter - 16 Biotechnology and its application.



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Subject	Chapters/Specifications
Computer Science	Chapter - 1 Boolean Algebra
	Chapter - 2 Computer Hardware
	Chapter -3 Objects And Classes
	Chapter - 4 Java Revision Tour
	Chapter - 5 Primitive Values,Types Casting And Expression
	Chapter - 6 Statements,Controls Structures And Scope
	Chapter - 7 Function/Methods
	Chapter - 8 Arrays And Strings
	Chapter - 9 Compiling And Running Java Programs
	Chapter - 10 Java Classes: An Oop Perspective
	Chapter - 12 Concept Of Inheritance
	Chapter - 13 Simple Data Structure
	Chapter - 1 Boolean Algebra

Principal
Metas Adventist School