



THE HAMILTON ACADEMY
ANNUAL EXAMINATION (2022-23)
CLASS –IX
SYLLABUS

SUBJECT	SYLLABUS
English Language	Chapter 2A – Agreement of Verb with Subject Chapter 3A – Time and Tense – I Chapter 4A – Time and Tense – II Chapter 5A – Sequence of Tenses Chapter 6A – Direct and Indirect Speech Chapter 7A – Prepositions Chapter 8A – Active and Passive Voice Chapter 12A – Transformation of Sentences – I Chapter 13A – Transformation of Sentences – II Story Writing Argumentative Essay Descriptive Essay Picture Composition Informal Letter Formal Letter Notice Writing Email Writing Unseen Passage Precise Writing
English Literature	Merchant of Venice Act I Act II Treasure Trove Poetry – The Cold Within The Bangle Seller Television Story – Hearts and Hands A Face in the Dark An Angel in Disguise
Hindi Language	Chapter 1 <ul style="list-style-type: none">• □□□□□□ □□□□□□ □□□□• □□□□□□□□ □□ □□□□□□□□ □□ □□□□□□ □□□□□□-□□□□□□• □□□□□ □□ □□□□□□ □□□□□□□□ □□□□• □□□□□□ □□□□ □□ □□□□□□□□-□□□□□□, □□□□□□□□□□□□ □□□ □□□□□□-□□□□□□□□□□

	<p>Chapter 10 – Medieval India – (D) Composite Culture Chapter 11 – The Modern Age in Europe – (A) Renaissance Chapter 12 – The Modern Age in Europe – (B) Reformation Chapter 13 – The Modern Age in Europe – (C) Industrial Revolution</p> <p>Civics Chapter 2 – Salient Features of the constitution – I Chapter 3 – Salient Features of the constitution - II Chapter 4 – Elections Chapter 5 – Local Self Government – Rural Chapter 6 – Local Self Government - Urban</p>
Geography	<p>Unit – 3 : Hydrosphere Unit 4 – Atmosphere Unit 5 – Pollution Unit 6 – Natural Regions of the World</p>
Maths	<p>Chapter 2 – Compound Interest Chapter 5 – Simultaneous Linear Equations Chapter 6 – Problems on Simultaneous Equations Chapter 7 – Quadratic Equations Chapter 15 – Circle Chapter 16 – Mensuration Chapter 17 – Trigonometrical Ratios Chapter 18 - Trigonometrical Ratios of Standard Angles Chapter 19 – Coordinate Geometry Chapter 20 – Statistics</p>
Computer	<p>Chapter 1 – Introduction to Object Oriented Programming Concepts Chapter 2 – Introduction to Java Chapter 3 – Elementary Concepts of Objects and Classes Chapter 4 – Values and Data Types Chapter 5 – Operators in Java Chapter 6 – Working with Methods Chapter 7 – Input in Java Chapter 8 – Mathematical Library Methods Chapter 9 – Conditional Constructs in Java Chapter 10 – Iterative Constructs in Java Chapter 11 – Nested for Loops Chapter 12 – Computing and Ethics</p>
Physics	<p>Chapter 3 – Laws of Motion Chapter 4 – Upthrust in Fluids, Archimedes’ Principle and Floatation Chapter 6 – Heat and Energy Chapter 7 – Reflection of Light Chapter 8 – Propagation of Sound Waves Chapter 9 – Current Electricity Chapter 10 – Magnetism</p>
Chemistry	<p>Chapter 1 – The Language of Chemistry Chapter 2 – Chemical Changes and Reactions Chapter 3 – Water Chapter 4 – Atomic Structure and Chemical Bonding Chapter 5 – The Periodic Table Chapter 6 – Study of the First Element – Hydrogen Chapter 7 – Study of Gas Laws Chapter 8 – Atmospheric Pollution</p>

Biology

Chapter 2 – Cell: The Unit of Life

Chapter 3 – Tissue : Plant and Animal Tissue

Chapter 4 – The Flower

Chapter 5 – Pollination and Fertilization

Chapter 6 – Seed : Structure and Germination

Chapter 11 – Digestive System

Chapter 12 – Skeleton System

Chapter 13 – Skin: “The Jack of all Trades”

Chapter 14 – The Respiratory System

Chapter 15 – Hygiene

Chapter 16 – Diseases : Causes and Control

Chapter 18 – Health Organizations

Chapter 19 – Waste Generation and Management