

CLASS IX SYLLABUS FOR 2023 - 2024**UNIT TEST I**

English language	1. Composition – descripture, narrative, imaginative, debatable topico
	2. Comprehension
	3. Letter writing – informal / formal
	4. Notice, e-mail
	5. General grammar
English literature	Treasure : A collection of ICSE poemo of short stories
	Julius caeses – William Shakespeare
	Prose
	1. Bonku Babu’s friend – satyajit ray
	2. Olivies asks for more – Charles Dickens
	Poetry
	1. A work of artifice – Marge piercy
	2. Skimbleshanks – T S Eliot
	Julius caser : Act 1 scene 1, scene 2
History and civics	1. The Harappan Civilization
	2. The Vedic Period
	3. Jainism And Buddhism
	Civics
	1. Our Constitution
Geography	1. Earth as a planet
	2. Geographic grid – Latitudes and longitudes
	3. Rotation and Revolution
	4. Humidity
	Map : World – Water bodies
Home science	1. Concept and scope of home science
	2. Food and health
	3. Nutrients and their functions
Maths	1. Rational and irrational numbers
	2. Compound interest without formula
	3. Compound interest using formula
	4. Indices
	5. Trigonometrical ratios
	6. Trigonometrical ratios of standard angles
Physics	1. Reflection of light
	2. Propagation of sound waves

Chemistry	1. Language of chemistry
	2. Chemical changes and reactions
Biology	1. Cell
	2. Tissues
	3. The flower
	4. Pollination and fertilizers
	5. Economic importance of bacteria and fungi
Computer application	1. Introduction of object oriented programming
	2. Elementary concepts of objects and classes
	3. Values and data types
	4. Operators in java
Economics	1. Introduction to economics
	2. Basic concepts of economics

FIRST TERM EXAMINATION	
English language	1. Composition – descriptor, narrative, imaginative, debatable topic
	2. Comprehension
	3. Letter writing – informal / formal
	4. Notice, e-mail
	5. General grammar
	Project : Oral and aural skill to be tested [10+10=20]
English literature	Prose
	1. The model millionaire – Oscar wild
	2. Homecoming –Rabindranath Tagore
	Poetry
	1. I remember, I remember – Thomas hood
	2. A doctor's Journal Entry – Vikram seth
	[unit 1 portion also included]
	Julius Caesar
	Act 1 Sc 3, Act 2 scene 1, Scene 2
	[Unit 1 portions also included]
History and civics	History
	1. The Mauryan Empier
	2. The Sangam Age
	3. The Age of the Guptas
	4. Medival India – (a) The Cholas
	Civics
	1. Salient Features Of The Constitution – 1
	2. Salient Features Of The Constitution – II

	3. Elections
	Projects : [20 marks]
	The 6th century B.C is regarded as an important landmark in world history which saw the emergence of many religious thinkers, with Mahaveera and Gauthama Buddha in the India. Based on this context depict a pictorial representation of the sources, causes for the rise of Jainism and Buddhism, Teachings, causes for the spread of Jainism and bhuddism, similarities and dissimilarities between Jainism and bhuddism. Submission date : 15th June 2023
Geography	1. Earth's structure
	2. Landforms of the Earth
	3. Rocks
	4. Hydrosphere
	5. Compositions and structure of the atmosphere
	6. Insolation
	Map : Rivers and mountains
	Unit test 1 portions also included
	Project : composition and structure of the atmosphere (20 marks) date of submission : 14 august 2023
Home science	1. Growth and development
	2. Disease and prevention
	3. Celour and its applications
	4. Lighting in the home
Maths	1. Expansions
	2. Factorization
	3. Simultaneous equations
	4. Logarithms
	5. Triangles
	6. Isosceles triangle
	7. Inequalities
	8. Construction of polygons
	9. Trigonometrical ratios
	10. Trigonometrical ratios of standard angles
	11. Solution of right triangles
	12. Complementary angles
Physics	1. Current electricity
	2. Magnetism
	3. Measurements and experimentation
	4. Motion in one dimension
	5. Propagation of sound waves (Unit test 1 portion)
Chemistry	1. Atomic structure and chemical bonding
	2. Periodic table
	3. Water
	4. Language of chemistry

Biology	1. Seed
	2. Respiration in plants
	3. Five kingdom classification
	4. Nutrition
	5. Digestive system
	6. Flower
Computer applications	1. Input in java
	2. Mathematical library methods
	3. Conditional statements in java
Economics	1. Types of economics
	2. Problems of an economy
	3. The Indian economy / primary sector / Agriculture

UNIT TEST - 2	
English language	1. Composition – descriptive, narrative, imaginative, debatable topics
	2. letters writing – informal / formal
	3. Comprehension and précis writing
	4. Notice, Email
	5. General grammar
History and civics	History
	1. Medieval India – (B) The Delhi Sultanate
	2. Medieval India – (C) The Mughal Empire
	Civics
	1. Elections
	2. Local Self – Government - Rural
Geography	1. Volcanoes
	2. Earthquakes
	3. Weathering
	4. Denudation
	5. Atmospheric pressure and winds
	Map : world – plateaus
Home science	1. Sustainable utilization of fuel and energy
	2. Maintenance of sanitation and hygiene
	3. Waste segregation
Maths	1. Mid point theorem
	2. Statistics
	3. Mean and median
	4. Area and perimeter
	5. Solids
	6. Pythagoras theorem

Physics	1. Laws of motion
	2. Pressure in fluids and atmospheric pressure
	3. Reflection of light (I unit test portions)
Chemistry	1. Study of gas laws
	2. Hydrogen
	3. Chemical changes and reactions
Biology	1. Skeleton
	2. Diseases
	3. Skin
	4. Aids to health
Computer applications	1. Iterative constructions in java
	2. Computing and ethics
Economics	1. Secondary sector (industries)
	2. Teriary sector
	3. Food securities

FINAL EXAM	
English language	Full year portion
	Project : Oral and aural skill to be tested. [10+10=20]
History and civics	1. The modern Age in Europe – (A) Renaissance
	2. The modern Age in Europe – (B) Reformation
	3. The modern age in Europe – (C) Industrial Revolution
	Civics
	1. Local Self – Government – Urbon
	Unit test 1, Term and Unit test II portions included
	Project : (20 Marks)
	Our constitution prescribes a parliamentary election. On this context brief out a pictorial representation on the elections held in India – Types of elections, Election commission, powers and functions of the election commission.
Geography	1. Pollutions
	2. Sources of pollutions
	3. Effects of pollution
	4. Preventive measures
	5. Natural regions of the world
	Map : natural regions of the world
	Unit test 1, term I and Unit test II portions also included
	Project : pollution types, sources, effects and preventive measures. Date of submission : 16 January 2024

Home science	1. Fibres : properties and uses
	2. Fabric structure
	3. Communication and extension
	[Entire textbook for final]
	Final exam project : Home : Colour and light
	Submission : 09 novemeber 2023
Maths	1. Rectilinear figures
	2. Area theorems
	3. Circle
	4. Co ordnate geometry
	5. Graphic solution
	6. Distance fomula
	IUT + FINAL TERM + II UT
Physics	1. Upthrust in fluids, Archimedes principle and floatation
	2. Heat and energy
	3. Reflection of light
	4. Propagation of sound waves
	5. Current electricity
	6. Magnetism
	7. Measurements and experimentation
	8. Motion in one dimension
	9. Laws of motion
	10. Pressure in fluids and atmospheric pressure.
Chemistry	1. Atmospheric pollution
	2. Language of chemistry
	3. Atomic structure and chemical bonding
	4. Study of gas laws
	5. Water
	6. Periodic table
Biology	1. The respiratory system
	2. Digestive system
	3. Skeleton
	4. Skin
	5. Cell
	6. Seed
	7. Diseases
Computer application	1. Nested for loops
Economics	1. Major problems
	2. Major reforms and emerfing trends in Indian economy
	3. Full book
	Project :

	1. Agriculture is the backbone of Indian economy. Discuss.(date of submission 1st august 2023)
	2. Prepare a report on the various poverty alleviation and employment generation programme with special focus on MNREGA. (date of submission – 6th November 2023)