

# HERITAGE CHILDREN ACADEMY

## CLASS – XI (MONTHLY SYLLABUS: 2022-23)

### HINDI

MONTHS	SYLLABUS
July	1. गद्य खण्ड - पाठ-1 नमक का दरोगा - प्रेमचंद लेखन पाठ-1- कार्यालयी पत्र 2. काव्य खण्ड- कबीर के पद-1,2 वितान- पाठ -1 ' भारतीय गायिकाओं में बेजोड़ लता '
August	3. गद्य खण्ड पाठ -2 ' मियाँ नसीरुद्दीन ' लेखन पाठ -2- जनसंचार माध्यम और पत्रकारिता के विभिन्न आयाम 4. काव्य खण्ड पाठ-2 ' मीरा के पद-1,2
September	गद्य खण्ड पाठ-5 गलता लोहा लेखन पाठ- 4 रिपोर्ट लेखन काव्य खण्ड - पाठ-5 घर की याद
October	6. गद्य खण्ड - पाठ-8 जामुन का पेड़ लेखन- आलेख लेखन काव्य खण्ड - पाठ-7 गज़ल
November	8. गद्य खण्ड- भारत माता लेखन - कार्यालयी पत्र 9. काव्य खण्ड - आओ मिलकर बचाएँ
December	10. वितान पाठ - राजस्थान की रजत बूँदे लेखन - कार्यालयी पत्र
PT-1	हिन्दी अ 1. गद्य खण्ड पाठ-1 नमक का दरोगा 2- काव्य खण्ड-1 कबीर के पद 3- लेखन- कार्यालयी पत्र 4- वितान- भारतीय गायिकाओं में बेजोड़ लता
HYE	गद्य खण्ड पाठ-1 नमक का दरोगा, ' मियाँ नसीरुद्दीन काव्य खण्ड-1 कबीर के पद, मीरा के पद लेखन - कार्यालयी पत्र, जनसंचार माध्यम और पत्रकारिता
PT-2	16. गद्य खण्ड - पाठ-5 जामुन का पेड़ लेखन - आलेख - लेखन - 17. काव्य खण्ड पाठ - गज़ल
AE	गद्य खण्ड पाठ-1 नमक का दरोगा, ' मियाँ नसीरुद्दीन , पाठ-5 जामुन का पेड़ काव्य खण्ड-1 कबीर के पद, गज़ल, मीरा के पद लेखन- कार्यालयी पत्र, आलेख लेखन , जनसंचार माध्यम और पत्रकारिता वितान- भारतीय गायिकाओं में बेजोड़ लता

### MATHEMATICS

MONTHS	SYLLABUS
June	Ch01 Sets
July	Ch01 Sets Ch 02 Relation and functions Ch03 Trigonometric functions
August	Ch06 linear inequalities Ch 07 Permutations and combinations Ch 12 Introduction to three dimensional geometry.
September	Ch- 1,2,3,6,7 & 12
October	Ch08 Binomial theorem Ch10 Straight lines.
November	Ch11 Conic sections Ch13 Limits and derivatives
December	Ch13 limits and derivatives Ch16 Probability
PT-1	Ch- 1,2 & 3
HYE	Ch- 1,2,3,6,7 & 12
PT-2	Ch- 8 & 10
AE	Ch- 1,2,3,6,7,8,10,11,12, 13 & 16

## ENGLISH

SR. No	Months	No. Of working days	Book:-1 Hornbill:-	Book:- 2 Snapshots:-	Writing + Grammar
1	JUNE + JULY		The portrait of a lady The photograph (Poem)	The Address	Speech, Gap filling Advertisement
2	AUGUST		We are not afraid to die....if we can be together Childhood (Poem)	The Summer of the Beautiful White Horse	Note making, Poster Reordering of sentences
3	SEPTEMBER		Revision and Half Yearly Exams		
4	OCTOBER		The Laburnum Top (Poem) The voice of Rain (Poem)	Birth	Debate writing
5	NOVEMBER		The Adventure, Silk Road	Mother's Day	
6	DECEMBER		1. Father to son (Poem)	The Tale of Melon City	Transformation of sentences, Revision

ASSESSMENT	READING
PT1	Hornbill:- Photograph Writing & Grammar Speech, Advertisement, gap filling Snapshots:- the Address Unseen passage
Half Yearly	Hornbills:- The Portrait of Lady, A photograph, we are not afraid to die, childhood Snapshots:- The Address, the summer of the beautiful white horse. Grammar + Writing Unseen passage, Note making, Advertisement, Posters, Reordering, Speech, Gap filling.
PT2	Hornbills:- The Laburnum Top, Writing and Grammar:- Unseen passage , Debate, gap filling, reordering speech Snapshots:- Birth
Annual Exam	Hornbills:- The Laburnum Top, The Voice of rain, the adventure, silk Road, father to son. Snapshots:- Birth, Mother's Day, the Tale of Melon City Writing + Grammar :- Unseen Passage, Note making and summarizing, Gap Filling, reordering, Transformation of sentences, advertisements, posters, speech, Debate

## PHYSICS

MONTHS	SYLLABUS
June+ July	Ch 02 Units and measurement Ch03 motion in a straight line Ch04 motion in a plane
August	Ch05 Laws of motion
October	Ch 07 system of particles and rotational motion Ch08 Gravitation
November	Ch09 Mechanical properties of solid Ch10 Mechanical properties of fluids
December	Ch11 Thermal properties of matter
PT 1	Ch02 Units and measurements Ch 03 Motion in a straight line
Half yearly	Ch02 Units and measurements Ch03 motion in a straight line Ch04 motion in a plane Ch05 Laws of motion
PT 2	Ch 07 system of particles and rotational motion Ch08 Gravitation
Annual exam	Half yearly syllabus + Ch07 System of particles and rotational motion Ch08 Gravitation Ch09 Mechanical properties of solid Ch10 Mechanical properties of fluids Ch11 Thermal properties of matter

**CHEMISTRY**

MONTHS	SYLLABUS
June + July	Ch 01(Some Basic Concepts of Chemistry) Ch 02( Structure of Atom)
August	Ch 03 (Classification of Elements and Periodicity in Properties ) Ch 04 (Chemical Bonding and Molecular Structure)
September	Half yearly exam
October	Ch 08 (Redox Reactions ).
November	Ch 12( Organic Chemistry : Some Basic Principles and Techniques).
December	Ch 13 ( Hydrocarbons)
PT -1	Ch 01
Half yearly	Ch 01, Ch 02, Ch 03, Ch 04
PT-02	Ch 08
Annual exam	Ch 01, Ch 02, Ch 03, Ch 04, Ch 08, Ch 12, Ch 13.

**BIOLOGY**

MONTHS	SYLLABUS
June + July	Ch 01(The Living world ) Ch 03 (Plant kingdom)
August	Ch 05 (Morphology of flowering plants ) Ch 09 Biomolecules
September	Half yearly exam
October	Ch 13 (Photosynthesis in higher plants ) Ch 15 (Plant growth and development)
November	Ch 18(Body fluid and circulation). Ch 20( Locomotion and movement ) Ch 22 (Chemical coordination and integration ) -Half chapter
December	Ch 22 (Chemical coordination and integration ) -Half chapter
January	Revision
February	Annual exam
PT -1	Ch 01, Ch 02
Half yearly	Ch 01, Ch 02, Ch 03, Ch 04,Ch 05 ,Ch 08 ,Ch 09,Ch 10
PT-02	Ch 13, Ch14
Annual exam	Ch 01, Ch 02, Ch 03, Ch 04, Ch 08, Ch 09 ,Ch 10, Ch 13,Ch 14, Ch15,Ch17,Ch18,Ch19,Ch20,Ch21,Ch22.

**ECONOMICS**

MONTHS	SYLLABUS
July	<b>Part- A Statistics for Economics</b> Unit -1 Introduction <b>Part – B Microeconomics</b> Unit-4 Introduction
August	<b>Part A Statistics for Economics</b> Unit -2 collection ,organization and presentation of data
September	Mid Term Examination
October	<b>Part – A Statistics for Economics</b> Unit -2 Collection, organization and Presentation of data (to be cont..) <b>Part B Microeconomics</b> Unit -5 Consumer’s equilibrium and Demand
November	<b>Part -A Statistics for Economics</b> Unit -3 Statistical tools and interpretation <b>Part – B Microeconomics</b> Unit – 6 Producer Behaviour and supply
December	<b>Part A Statistics for Economics</b> Unit -3 Statistical tools and interpretation (to be cont...) <b>Part B Microeconomics</b> Unit-7 Forms of Market
PT-1	<b>Part -A Statistics for Economics</b> Unit-1 Introduction <b>Part -B Microeconomics</b> Unit – 4 Introduction
HYE	<b>Part – A Statistics for Economics</b> Unit – 1 Introduction Unit -2 Collection, organization and presentation of data <b>Part – B Unit – 4 Introduction,</b> Unit – 5 Consumer’s equilibrium and Demand

PT-2	<b>Part – A Statistics for Economics</b> <b>Part -B Microeconomics</b>	Unit -2 Collection, organization and presentation of data Unit – 5 Consumer’s equilibrium and Demand
Annual Exam	<b>Part -A Statistics for Economics</b> Unit -2 Collection, organization and presentation of data <b>Part – B Microeconomics</b>	Unit -1 Introduction Unit- 3 Statistical tools and interpretation Unit -4 Introduction Unit -5 Consumer’s equilibrium and Demand Unit -6 Producer Behaviour and supply Unit -7 Forms of market

### PHYSICAL EDUCATION

MONTHS	SYLLABUS
March+April	
May+June	
July	
August	
October	
PT-1	Ch- 1 (Changing trends and career in physical education) Ch- 2 (Olympism) Ch- 3 (Physical fitness, health and wellness)
HYE	Ch- 1 (Changing trends and career in physical education) Ch- 2 ((Olympism) Ch- 3 (Physical fitness, health and wellness) Ch- 4 (Physical Education & sports for CWSN) Ch- 5 (YOGA)
PT-2	Ch- 6 (Test, Measurement & Evaluation) Ch- 7 ( Fundamental of Anatomy and physiology in sports)
AE	Ch- 2 ((Olympism) Ch- 5 (YOGA) Ch- 7 ( Fundamental of Anatomy and physiology in sports) Ch- 8 (Fundamental of Kinesiology & Biomechanics in sports) Ch- 9 (Psychology & sports) Ch- 10 (Training and doping in sports)

### BUSINESS STUDIES

MONTHS	SYLLABUS
July	1. Nature and Purpose of Business 2. Forms of Business Organisations
August	3. Public, Private and Global Enterprises 4. Business Services
September	5. Emerging Modes of Business
October	6. Social Responsibility of Business and Business Ethics 7. Source of Business finance
November	8. Small Business 9. Internal Trade
December	10. International Business
PT-1	1. Nature and Purpose of Business 2. Forms of Business Organisations
HYE	1. Nature and Purpose of Business 2. Forms of Business Organisations 3. Public, Private and Global Enterprises 4. Business Services
PT-2	5. Emerging Modes of Business 6. Social Responsibility of Business and
Annual Exam	1. Nature and Purpose of Business 2. Forms of Business Organisations 3. Public, Private and Global Enterprises 4. Business Services 5. merging Modes of Business 6. Social Responsibility of Business and Business Ethics 7. Sources of Business Finance 8. Small Business 9. Internal Trade 10. International Business

### ACCOUNTANCY

MONTHS	SYLLABUS
July	1. Meaning, Objectives, Scope and Nature of Accounting 2. Basic Accounting , Terms 3. Accounting Principles 4. Process and Bases of Accounting, 6. Accounting Standards

	6. Accounting Equations 7. Double Entry System 8. Origin of Transactions: Source Documents of Accountancy 10. Accounting for Goods & Services Tax ( GST )	9. Books of Original Entry Journal
August	11. Books of Original Entry - Cash Book 13. Ledger	12. Books of Original Entry - Special Purpose Subsidiary Books 14. Trial Balance and Errors 15. Bank Reconciliation Statement
September	16. Depreciation	
October	17. Provisions and Reserves	18. Bills of Exchange
November	19. Rectification of Errors	20. Capital and Revenue 21. Financial Statements
December	22. Financial Statements with Adjustment 23. Accounts from incomplete records.	
PT-1	1. Meaning , Objectives , Scope and Nature of Accounting 2. Basic Accounting , Terms 3. Accounting Principles 4. Process and Bases of Accounting, 6. Accounting Standards 6. Accounting Equations 7. Double Entry System 8. Origin of Transactions : Source Documents of Accountancy 9. Books of Original Entry Journal 10. Accounting for Goods & Services Tax ( GST )	
HYE	1. Meaning , Objectives , Scope and Nature of Accounting 2. Basic Accounting , Terms 3. Accounting Principles 4. Process and Bases of Accounting , 5. Accounting Standards 6. Accounting Equations 7. Double Entry System 8. Origin of Transactions : Source Documents of Accountancy 9. Books of Original Entry Journal 10. Accounting for Goods & Services Tax ( GST ) 11. Books of Original Entry - Cash Book 12. Books of Original Entry - Special Purpose Subsidiary Books 13. Ledger 14. Trial Balance and Errors 15. Bank Reconciliation Statement	
PT-2	16. Depreciation	17. Provisions and Reserves
AE	1. Meaning , Objectives , Scope and Nature of Accounting 2. Basic Accounting , Terms 3. Accounting Principles 4. Process and Bases of Accounting , 6. Accounting Standards 6. Accounting Equations 7. Double Entry System 8. Origin of Transactions : Source Documents of Accountancy 9. Books of Original Entry Journal 10. Accounting for Goods & Services Tax ( GST ) 11. Books of Original Entry - Cash Book 12. Books of Original Entry - Special Purpose Subsidiary Books 13. Ledger 14. Trial Balance and Errors 15. Bank Reconciliation Statement 16. Depreciation 17. Provisions and Reserves 18 . Bills of Exchange 19. Rectification of Errors 20. Capital and Revenue 21. Financial Statements 22. Financial Statements With Adjustments 23 . Accounts from Incomplete Records	

## FINE ART

MONTHS	SYLLABUS
March+April	
May+June	
July	
August	
October	
PT-1	

HYE	Ch- 1 (History of Indian Painting) Ch- 2 (Miniature painting)
PT-2	Ch-3 (Rajasthani school of art)
AE	Ch- 1 (History of Indian Painting) Ch- 2 (Miniature painting) Ch-3 (Rajasthani school of art) Ch- 4 (the Pahari school of art Ch- 5 (The Mughal school of art)

## COMPUTER SCIENCE

MONTHS	SYLLABUS
March+April	
May+June	
July	
August	
October	
PT-1	Features of Python Advantages and disadvantages of python Flow chart and Programs Errors Outputs based on * , ** , > , < , <= , >=, all operators Valid and invalid identifier Single line and multiline string Expression Evaluation
HYE	Chapter 1: Computer System Overview Chapter 8: Data Handling Chapter 9: Flow of Control Chapter 10: String Manipulation Chapter 15: Cyber Safety Chapter 17: Society, Law and Ethics
PT-2	Chapter 2: Data Representation Chapter 3: Boolean Logic Chapter 16: Online Access and Computer Security
AE	Chapter 3: Boolean Logic Chapter 8: Data Handling Chapter 9: Flow of Control Chapter 11: List Manipulation Chapter 12: Tuples Chapter 13: Dictionaries