

SYLLABUS 2024-25

CLASS-10

SUBJECT - MATHS - 2024-25	
NAME OF THE BOOK - Concise Mathematics - X	
MONTHS	CHAPTERS
MARCH	L1- GST L2- BANKING L4- LINEAR INEQUATIONS L5- QUADRATIC EQUATIONS
APRIL	L6- SOLVING PROBLEMS L23- GRAPHICAL REPRESENTATION L24- MEASURES OF CENTRAL TENDENCY
MAY-JUNE	L7- RATION AND PROPORTION L8- REMAINDER AND FACTOR THEOREM L9- MARTICES
JULY	L10- ARITHMETIC PROGRESSION L11- GEOMETRIC PROGRESSION L12- REFLECTION L13- SECTION AND MID POINT FORMULA QUARTERLY EXAMINATION 2024
AUGUST	L14- EQUATION OF ALINE L121- TRIGNOMETRICAL IDENTITIES L22- HEIGHT AND DISTANCE L3- SHARES AND DIVIDEND
SEPTEMBER	L15- SIMILARITY L16- LOCI L17-CIRCLES L-18- TANGENTS AND INTERSECTING CHORDS HALF YEARLY EXAMINATION 2024
OCTOBER	L25- PROBABILITY L19- CONSTRUCTION L20- CYLINDER, CONE AND SPHERE
NOVEMBER	QUALIFYING EXAMINATION 2024
DECEMBER	REVISION
JANUARY	MODEL EXAMINATION 2025

SUBJECT - COMPUTER SCIENCE- 2024-25	
NAME OF THE BOOK - VIVA ICSE COMPUTER APPLICATION-X	
MONTH - MARCH - APRIL'2024	
1	BASIC CONCEPT OF JAVA (CLASS-IX REVISION) a) TYPES OF COMPUTER LANGUAGES b) PROGRAMMING PARADIGMS c) OOP'S AND POP'S DIFFERENCE d) PRINCIPLES OF OBJECT ORIENTED LANGUAGE

2	ELEMENTARY CONCEPT OF CLASSES AND OBJECT (CLASS-IX REVISION)	a) CONCEPT OF CLASSES AND OBJECTS b) OBJECTS IN JAVA, CLASSES AND SUBCLASSES IN JAVA c) DIFFERENCE BETWEEN CLASS AND OBJECTS d) PROPERTIES OF CLASS AND OBJECTS
3	VALUES AND TYPES (CLASS-IX REVISION)	a) CHARACTER SET IN JAVA b) HOW CHARACTERS ARE STORED IN JAVA c) ESCAPE SEQUENCE, TOKENS, VARIABLES, TYPE CONVERSION d) HOW CHARACTERS ARE STORED IN JAVA
4	INTRODUCTION TO JAVA (CLASS-IX REVISION)	a) EVOLUTION OF JAVA, ADVANTAGES OF JAVA b) TYPES OF JAVA PROGRAMMING c) JAVA COMPILATION PROCESS d) ADVANTAGES OF JAVA, FEATURES OF JAVA e) WORKING WITH BLUEJ f) DISADVANTAGES OF JAVA
5	INPUT IN A JAVA (REVISION OF CLASS-IX)	a) COMMENTS IN JAVA, PACKAGES IN JAVA, INITIALIZATION , INPUT/OUTPUT PARAMETERS b) INPUT USING SCANNER CLASS/BUFFERED READER CLASS c) ERRORS IN JAVA, TESTING AND DEBUGGING d) EXCEPTIONAL HANDLING IN JAVA
6	CONDITIONAL AND LOOPING STATEMENT	a) FLOW OF CONTROL b) DIFFERENCE BETWEEN IF-ELSE AND SWITCH STATEMENT c) TERMINATING PROGRAMS USING SYSTEM. EXIT (0) d) LOOPS, CATEGORIES OF LOOP, LOOPS e) DIFFERENT FORMS OF LOOPS
MONTH - JUNE'2024		
7	MATHEMATICAL LIBRARY FUNCTION	a) JAVA LANG. PACKAGES b) MATHEMATICAL METHOD/FUNCTION IN JAVA c) ALL THE PROGRAMS OF NUMERIC FUNCTION (DIGIT BASED AND FACTOR BASED)
MONTH - JULY'2024		
	STRING LIBRARY FUNCTION	a) JAVA LANG. PACKAGES b) STRING METHOD/FUNCTION IN JAVA c) ALL THE PROGRAMS OF STRING (WORD BASED AND SENTENCE BASED)
MONTH - AUGUST'2024		
8	ENCAPSULATION	a) CONCEPT OF ENCAPSULATION b) IMPORTANCE OF ENCAPSULATION c) ROLE OF ACCESS SPECIFIER-PUBLIC, PRIVATE, PROTECTED d) ELEMENTS/PARTS OF FUNCTION
MONTH - SEPTEMBER'2024		

9	USER DEFINE FUNCTION	a) DEFINATION OF FUNCTION b) TYPE OF OF FUNCTION (RETURNABLE & NON-RETURNABLE) c) HEADER LINE AND PROTOTYPE OF A FUNCTION d) FUNCTION OVERLOADING e) RECURSIVE FUNCTION
MONTH - OCTOBER'2024		
10	CONSTRUCTOR	a) DEFINATION OF CONSTRUCTOR & IT'S IMPORTANCE b) TYPES OF CONSTRUCTOR (DEFAULT & PARAMETERIZED c) USE OF CONSTRUCTOR IN JAVA PROGRAM
MONTH - NOVEMBER'2024		
11	ARRAY PROGRAMMING	a) DEFINATION AND CONCEPT OF ARRAY b) INITIALIZATION OF ARRAY c) TYPES OF ARRAY (ONE AND TWO DIMENSIONAL) d) STORING, CALCULATION, SEARCHING AND SORTING IN ONE DIMENSIONAL ARRAY e) MATRIX OPERATION USING TWO DIMENSIONAL ARRAY
MONTH - DECEMBER'2024		
12	REVISION WORK	REVISION FROM TEST PAPER REVISION FROM SPECIMEN PAPER, TEST PAPER

SUBJECT - PHYSICS - 2024-25	
NAME OF THE BOOK - ICSE CONCISE PHYSICS	
MONTHS	CHAPTERS
MARCH	CHAPTER-1 FORCE: TURNING FORCE AND UNIFORM CIRCULAR MMOTION CHAPTER-2 WORK, POWER AND ENERGY CHAPTER-3 MACHINE
APRIL	CHAPTER-11 CALORIMETRY
JUNE	CHAPTER-4 REFRACTION OF LIGHT AT PLAIN SURFACES CHAPTER-5 REFRACTION THROUGH A LENS QUATERLY EXAM -- CHAP 1 TO 3 AND 11
JULY	CHAPTER-6 SPECTRUM CHAPTER-7 SOUND
AUGUST	CHAPTER-8 ELECTRIC CIRCUITS, RESISTANCE AND OHM'S LAW CHAPTER-9 ELECTRIC ENERGY, POWER AND HOUSEHOLD CIRCUITS
SEPTEMBER	CHAPTER-10 ELECTROMAGNETISM, MAGNETIC EFFECTS OF ELECTRIC CURRENT AND ELECTROMAGNETIC INDUCTION HALFYEARLY EXAM – CHAP 1 TO 8 AND 11
OCTOBER	CHAPTER-11 (NUCLEAR PHYSICS)
NOVEMBER	REVISION
DECEMBER	REVISION
JANUARY	MODEL EXAM (PRE-BOARD)

SUBJECT - CHEMISTRY - 2024-25	
NAME OF THE BOOK - CONCISE CHEMISTRY-X	
MONTHS	CHAPTERS
MARCH	CHAPTER -1: PERIODIC PROPERTIES AND ITS VARIATIONS CHAPTER - 8: HYDROGEN CHLORIDE (HCl)
APRIL	CHAPTER - 4: ANALYTICAL CHEMISTRY
JUNE	CHAPTER - 3: STUDY OF ACIDS, BASES AND SALTS CHAPTER - 9: AMMONIA
JULY	CHAPTER - 6: ELECTROLYSIS CHAPTER - 5: MOLE CONCEPT AND STOICHIOMETRY QUARTERLY EXAM
AUGUST	CHAPTER - 10: NITRIC ACID (HNO ₃) CHAPTER - 11: SULPHURIC ACID (H ₂ SO ₄)
SEPTEMBER	CHAPTER - 2: CHEMICAL BONDING
OCTOBER	CHAPTER - 7: METALLURGY
NOVEMBER	CHAPTER - 12: ORGANIC CHEMISTRY 1ST PRE-BOARD
DECEMBER	ALL CHAPTERS REVISIONS
JANUARY	COMMENCEMENT OF MODEL EXAMINATION-2025
FEBRUARY	COMMENCEMENT OF ICSE-2025 BOARD EXAMINATION

SUBJECT - BIOLOGY - 2024-25	
NAME OF THE BOOK - CONCISE BIOLOGY-X	
MONTHS	CHAPTERS
MARCH	1. Cell 2. STRUCTURE OF CHROMOSOMES, CELL CYCLE AND CELL DIVISION 3. GENETICS
APRIL	4. ABSORPTION BY ROOTS 5. TRANSPIRATION
MAY & JUNE	6. PHOTOSYNTHESIS 7. CHEMICAL COORDINATION IN PLANTS
JULY	8. THE CIRCULATORY SYSTEM 9. THE EXCRETORY SYSTEM 16. POLLUTION QUARTERLY EXAMINATION
AUGUST	10. THE NERVOUS SYSTEM 11. SENSE ORGANS
SEPTEMBER	12. THE ENDOCRINE SYSTEM 14. HUMAN EVOLUTION HALF YEARLY EXAMINATION
OCTOBER	13. THE REPRODUCTIVE SYSTEM 15. POPULATION
NOVEMBER	QUALIFYING EXAMINATION-2024
DECEMBER	REVISION
JANUARY	MODEL EXAMINATION

SUBJECT - HISTORY & CIVIC - 2024-25	
NAME OF THE BOOK - TOTAL HISTORY AND CIVICS	
MONTHS	CHAPTERS
MARCH	LESSON-1- THE UNION PARLIAMENT. LESSON-2- THE FIRST WAR OF INDEPENDENCE.
APRIL	LESSON-3- THE PRESIDENT AND THE VICE-PRESIDENT. LESSON-4- GROWTH OF NATIONALISM. LESSON-5- THE FIRST PHASE OF THE INDIAN NATIONAL MOVEMENT.
JUNE	LESSON-6- PRIME MINISTER AND THE COUNCIL OF MINISTERS. LESSON-7- THE SUPREME COURT. LESSON-8- SECOND PHASE OF THE INDIAN NATIONAL MOVEMENT. LESSON-9- MUSLIM LEAGUE.
JULY	LESSON-10- THE HIGH COURT. LESSON-11- THE SUBORDINATE COURT. LESSON-12- MAHATMA GANDHI AND NATIONAL MOVEMENT. LESSON-13- QUIT INDIAN MOVEMENT. LESSON-14- FORWARD BLOC AND THE INA. JULY-QUARTERLY- 1. THE UNION PARLIAMENT 2.THE FIRST WAR OF INDEPENDENCE 3.THE PRESIDENT AND THE VICE- PRESIDENT 4.GROWTH OF NATIONALISM 5. THE FIRST PHASE OF THE INDIAN NATIONAL MOVEMENT
AUGUST	LESSON-15- INDEPENDENCE AND THE PARTITION OF INDIA. LESSON-16- THE FIRST WAR OF INDEPENDENCE. LESSON-17- THE RISE OF DICTATORSHIP.
SEPTEMBER	LESSON-18- THE UNITED NATIONS - AGENCIES. 19. MAJOR AGENCIES OF THE UNITED NATIONS September- Half yearly -1. Prime minister and the council of ministers 2. The supreme court 3. Second phase of the Indian National movement 4.Muslim league 5. The High court and the subordinate court 6.The first world war 7.United Nations 8. Major Agencies of the United Nations 9.Non- Aligned Movement
OCTOBER	LESSON-20- NON-ALIGNED MOVEMENT.
NOVEMBER	November -pre board 1- 1. Mahatma Gandhi and the National Movement 2. Quit India movement 3. Forward Bloc and the INA 4.Independence and the partition of India 5. The Rise of Dictatorship 6. The second world war 7.United Nations 8. Major Agencies of the United Nations 9.Non- Aligned Movement

SUBJECT - ECONOMICS - 2024-25	
NAME OF THE BOOK - ICSE ECONOMIC APPLICATION	
MONTHS	CHAPTERS
MARCH	LESSON-1 THEORY OF DEMAND. LESSON-2 ELASTICITY OF DEMAND.
APRIL	LESSON-3 THEORY OF SUPPLY LESSON-4 ELASTICITY OF SUPPLY.
JUNE	LESSON-5 FACTORS OF PRODUCTION.
JULY	LESSON-6 LAND LESSON-7 DESTRUCTION OF ECOSYSTEM. Quarterly Examination of Chapter 1 to Chapter 5
AUGUST	LESSON-8 LABOUR. LESSON-9 CAPITAL AND CAPITAL FORMATION.
SEPTEMBER	LESSON-10 ENTREPRENEUR. LESSON-11 ALTERNATIVE MARKET STRUCTURES. Half Yearly Examination Chapter 3 to Chapter 11
OCTOBER	LESSON-12 THE STATE AND ECONOMIC DEVELOPMENT. LESSON-13 INSTRUMENTS OF STATE INTERVENTION.
NOVEMBER	LESSON-14 PUBLIC SECTOR ENTERPRISES. LESSON-15 PRIVATISATION OF PUBLIC ENTERPRISES. LESSON-16 MONEY AND INFLATION. LESSON-17 BANKING: COMMERCIAL BANKS AND CENTRAL BANK. 1ST PRE-BOARD
DECEMBER	REVISION
JANUARY	2ND PRE-BOARD
FEBRUARY	Annual Exam (All Chapters)

SUBJECT - GEOGRAPHY- 2024-25	
NAME OF THE BOOK: TOTAL GEOGRAPHY	
MONTHS	CHAPTERS
MARCH – APRIL-MAY	1.Climate of India 2.Soil Resource
JUNE - JULY	1.Natural vegetations 2.Water resource 3.Introduction to Survey Map 4.Map of India (River and Water bodies, Latitude and Longitude) Quarterly Examination
AUGUST - SEPTEMBER	1.Mineral Resources 2.Energy Resources (convectonal and non-convectonal energy) 3.Agriculture (I, II, III, IV) 4.Survey Map 5.Map of India (Mountain, plateaus and plains, density of

	population, climate and soil) Half Yearly Examination
OCTOBER - NOVEMBER	1.Manufacturing Industries (Mineral based and Agro based) 2.Transport 3.Waste Management (I, II, III) 4.Survey map 5.Map of India (Mineral resources and Cities) Preboard 1
DECEMBER	(Revision of all chapters, Maps and Survey Map) Preboard 2

SUBJECT - ODIA - 2024-25	
NAME OF THE BOOK: ଜ୍ଞାନଜ୍ଞାନୀ	
MONTHS	CHAPTERS
MARCH	L-5- ଗରିବର ଦୁର୍ଗାସ୍ତବ।(ପଦ୍ୟ)
APRIL	L-5- ନନ୍ଦନପୁର ଏକ୍ସପ୍ରେସ(ଗଦ୍ୟ) L-6- ଗ୍ରାମପଥ।(ପଦ୍ୟ)
MAY-JUNE	L-7- ଗ୍ରାମପଥ।(ପଦ୍ୟ) L-7-ଡିମିରି ଫୁଲ ।(ଗଦ୍ୟ)
JULY	L-8- ମଣିକାଞ୍ଚନ ଯୋଗ।(ପଦ୍ୟ) L-8- ସମାନ୍ତର ସରଳରେଖା(ଗଦ୍ୟ) QUARTERLY EXAM 2024
AUGUST	L-9- ବନ୍ଦୀର ବିରହ ବ୍ୟଥା(ପଦ୍ୟ) L-9- ନୀଳ ମାଷ୍ଟରାଣୀ।(ଗଦ୍ୟ)
SEPTEMBER	L-10- ଖଦେପାତିକା।(ପଦ୍ୟ) HALF-YEARLY EXAM 2024
OCTOBER	L-10- ଆଜୁଠି।(ଗଦ୍ୟ)
NOVEMBER	QUALIFYING EXAM 2024
DECEMBER	REVISION
JANUARY	MODEL EXAM 2025

SUBJECT – ENGLISH LANGUAGE - 2024-25	
NAME OF THE BOOK - TOTAL ENGLISH	
MONTHS	CHAPTERS
MARCH	PRACTICE PAPER 1,2
APRIL	PRACTICE PAPER 3,4
MAY	PRACTICE PAPER 5,6
JUNE	PRACTICE PAPER 7
JULY	QUARTERLY EXAMINATION
AUGUST	PRACTICE PAPER 9,10

	HALF YEARLY EXAM - PRACTICE PAPER 11,12
SEPTEMBER	PRACTICE PAPER 13,14,15
OCTOBER	PRACTICE PAPER 15
NOVEMBER	ENTIRE SYLLABUS
DECEMBER	SPECIMEN PER PRACTICE
JANUARY	MODEL EXAM

SUBJECT – ENGLISH LITERATURE - 2024-25	
NAME OF THE BOOK - TREASURE CHEST: A COLLECTION OF ICSE POEMS & SHORT STORIES, PROSE POEMS PLAY JULIUS CAESAR	
MONTHS	CHAPTERS
MARCH	L-11 - WITH THE PHOTOGRAPHER L-11 HAUNTED HOUSE ACT 3 SCENE 1
APRIL	L-12 THE ELEVATOR L-12 THE GLOVES & THE LIONS ACT 3 SCENE2,3
JUNE	L-13 THE GIRL WHO CAN L-13 WHEN GREAT TREES FALL ACT 4 SCENE1,2
JULY	L-14 THE PEDESTRIAN L-14 A CONSIDERABLE SPECK ACT 4 SCENE 3
AUGUST	ACT 5 SCENE 1 HALF YEARLY EXAM - L-11, L-12, L-13, L-14; L-11, L-12, L-13 ACT 3, ACT 4
SEPTEMBER	L-15 THE LAST RITES L-15 THE POWER OF MUSIC ACT 5, SCENE 2,3,4
OCTOBER	ACT 5 SCENE 5
NOVEMBER	ENTIRE SYLLABUS
DECEMBER	SPECIMEN PER PRACTICE
JANUARY	MODEL EXAM

SUBJECT – HINDI - 2024-25	
NAME OF THE BOOK - 1. EKANKI SANCHAY 2. SARAS HINDI VYAKARAN	
MONTHS	CHAPTERS
MARCH	1. सस् कार और भावना 2. व्यावहारि क व्याकरण
APRIL	1. बहू की विदा 2. अपठित गद्यांश 3. निबंध
JUNE	1.मातृभूमि का मान

JULY	<ol style="list-style-type: none"> 1. सुखी डाली 2. व्यावहारिक व्याकरण 3. नि बधं 4. पत्र लेखन <p>QUARTERLY EXAM: संक्षिप्त कहानियाँ-1,2,3,4,5 एकांकी सचय -1,2 नि बधं, अपठित गद्यांश, व्यावहारिक व्याकरण।</p>
AUGUST	<ol style="list-style-type: none"> 1. महाभारत की एक सांझ
SEPTEMBER	<ol style="list-style-type: none"> 1. व्यावहारिक व्याकरण 2. नि बधं 3. पत्र लेखन 4. अपठित गद्यांश
OCTOBER	<ol style="list-style-type: none"> 1. दीपदान 2. व्यावहारिक व्याकरण
NOVEMBER	<ol style="list-style-type: none"> 1. नि बधं 2. पत्र लेखन 3. अपठित गद्यांश 4. REVISION <p>FIRST PREBOARD EXAMINATION- ENTIRE SYLLABUS</p>
DECEMBER	REVISION
JANUARY	Model Examination-2025