



SYLLABUS PLANNING
SESSION 2023-24
CLASS XI

CLASS XI- MT SCHEDULE (TERM 1- DATES)**(2023-24)**

DATES	SUBJECT
12/5/23 (FRIDAY)	ENG LANG
19/5/23(FRIDAY)	L₂
12/6/23(MONDAY)	CHEM/ POL SC/ ACC
19/6/23(MONDAY)	PE/ E.E
26/6/23(MONDAY)	BIO/ C. SC/ ECO/ H. SC
3/7/23(MONDAY)	SOCIOLOGY
10/7/23(MONDAY)	BST/ MATHS/ EVS/ LGL. STD/ ART
17/7/23(MONDAY)	ENG LIT
24/7/23 (MONDAY)	PHY/ GEOG/ COMM/ HIST
31/7/23(MONDAY)	PSYCHOLOGY

CLASS XI- MT SCHEDULE (TERM 2- DATES)

(2023-24)

DATES	SUBJECT
25/9/23 (MONDAY)	ENG LANG
3/10/23 (TUESDAY)	PSYCHOLOGY
9/10/23 (MONDAY)	CHEM/ POL SC / ACC
18/10/23 (WEDNESDAY)	ENG LIT
30/10/23 (MONDAY)	BST/ MATHS/ EVS/ LGL. STD/ ART
6/11/23 (MONDAY)	L₂
20/11/23 (MONDAY)	PHY/ GEOG/ COMM/ HIST
28/11/23 (TUESDAY)	PE/ E.E
4/12/23 (MONDAY)	BIO/ C. SC/ ECO/ H. SC
11/12/23 (MONDAY)	SOCIOLOGY

Project Submission Deadline

Subject	Term 1	Term 2
English language	26.06.2023	-
English literature	10.07. 2023	-
Hindi	19.06. 2023	9.10. 2023
Bengali	-	19.10.2023
Elective english	10.07.2023	
Mathematics	22.06.2023	19.12.2023
Physics	18.08.2023	05.01.2024
Chemistry	28.07.2023	26.01.2024
Biology	Practical File: 1.08. 2023 Project File: 2.08. 2023	Practical File: 08.12.2023 Project File: 08.12.2023
Computer science	20.07.2023	25.01.2024
History	15.07. 2023	15.12. 2023

Geography	15.09.2023	30.11. 2023
Sociology	31.10.23	05.01.24
Political science	19.06. 2023	31.10. 2023
Psychology	24.07.23	08.01.24
Environmental science	17.07. 2023	15.12.2023
Home science	21.07.23	25.01.24
Commerce	24.07.2023	27.11.2023
Business .studies	23.06.2023	27.10.2023
Economics	18.08.2023	27.10.2023
Accounts	18.08.2023	05.01.2024
Physical education	-	13/12/23

SUBJECT: ENGLISH LANGUAGE

TERM 1

1. Chapter 1 - Composition (Descriptive, Narrative, Argumentative, Discursive, Reflective and Short Story)
2. Chapter 2 - Guided Writing (Journalistic, Non – Journalistic, Book, Film, Cultural Programme Review, Article Writing, Speech Writing)
3. Chapter 3 – Proposal Writing
4. Chapter 4 – Grammar
5. Chapter 5 - Comprehension

MONDAY TEST SYLLABUS

1. Chapter 1 - Composition (Descriptive and Narrative)
2. Chapter 2 - Grammar

TERM 2

1. Chapter 1 - Composition (Descriptive, Narrative, Argumentative, Discursive, Reflective and Short Story)
2. Chapter 2 - Guided Writing (Journalistic, Non – Journalistic, Book, Film, Cultural Programme Review, Article Writing, Speech Writing)
3. Chapter 3 – Proposal Writing
4. Chapter 4 – Grammar
5. Chapter 5 - Comprehension

MONDAY TEST SYLLABUS

1. Chapter 1 - Comprehension
2. Chapter 2 – Guided Writing
3. Chapter 3 – Proposal Writing

SUBJECT: ENGLISH LITERATURE

TERM 1

1. Chapter 1 – A Living God
2. Chapter 2 – Advice to Youth
3. Chapter 3 – Abhisara: The Tryst
4. Chapter 4 – Why I Like the Hospital
5. Chapter 5 – Macbeth (Act I: Scene 1 to 5)

MONDAY TEST SYLLABUS

1. Chapter 1 – A Living God
2. Chapter 2 - Abhisara: The Tryst
3. Chapter 3 – Macbeth (Act I: Scene 1)

TERM 2

All Term 1 chapters are included in Term 2

1. Chapter 1 – The Paper Menagerie
2. Chapter 2 – The Great Automatic Grammatizator
3. Chapter 3 – Thank you Ma'am
4. Chapter 4 – Sonnet 116
5. Chapter 5 – Death of a Naturalist
6. Chapter 6 – Strange Meeting
7. Chapter 7 – Macbeth (Act I: Scene 6 – 7 and Act II)

MONDAY TEST SYLLABUS

1. Chapter 1 - The Paper Menagerie
2. Chapter 2 – Strange Meeting
3. Chapter 3 – Macbeth (Act I)

SUBJECT: ELECTIVE ENGLISH

TERM 1

1. Chapter 1 – Lord of the Flies
2. Chapter 2 – Nineteenth and Twentieth century poets
3. Chapter 3 – Cat on a hot tin roof

MONDAY TEST SYLLABUS

1. Chapter 1 – Lord of the Flies (Till Taught)
2. Chapter 2 – William Blake

TERM 2

All Term 1 chapters are included in Term 2

1. Chapter 1 – Lord of the Flies
2. Chapter 2 – Nineteenth and Twentieth century poets
3. Chapter 3 – Cat on a hot tin roof

MONDAY TEST SYLLABUS

1. Chapter 1 – Robert Browning
2. Chapter 2 – Cat on a hot tin roof

SUBJECT : HINDI

TERM 1

काव्य

1. CHAPTER 1 साखी,
 2. CHAPTER 2 बाल-लीला,
 3. CHAPTER 3 एक फूल की चाह
- गद्य
4. CHAPTER 1 पुत्र -प्रेम,
 5. CHAPTER 2 गौरी,
 6. CHAPTER 3 शरणागत
 7. सारा आकाश
भाग - १-५
 8. व्याकरण
अपठित गद्यांश,
निबंध,
अशुद्ध वाक्यों को शुद्ध करना,
मुहावरों से वाक्य

MONDAY TEST SYLLABUS

1. CHAPTER 1 बाल-लीला के पद,
2. व्याकरण
अपठित गद्यांश,
अशुद्ध वाक्यों को शुद्ध करना,
मुहावरों से वाक्य।

TERM 2

काव्य

1. CHAPTER 1 आ : धरती कितना देती है,
2. CHAPTER 2 नदी के द्वीप,
3. CHAPTER 3 तुलसीदास के पद

गद्य

4. CHAPTER 1 आउट साइडर,
5. CHAPTER 2 दासी,
6. CHAPTER 3 क्या निराश हुआ जाए,
7. CHAPTER 4 सती
8. सारा आकाश

भाग - ६- १२

9. व्याकरण
अपठित गद्यांश,
निबंध,
अशुद्ध वाक्यों को शुद्ध करना,
मुहावरों से वाक्य।

MONDAY TEST SYLLABUS

1. Chapter 1 आउट साइडर,
2. व्याकरण
3. अपठित गद्यांश,
4. अशुद्ध वाक्यों को शुद्ध करना,
5. मुहावरों से वाक्य।

SUBJECT: BENGALI

TERM 1

प्रबन्ध ओ गद्य संकलन

- १। ठाकुरदा
- २। जोड़ासाँकोर धारे
- ३। तासेर घर

कविता संकलन

- १। ओरा काज करे
- २। पुव-पश्चिम
- ३। बनलता सेन

उपन्यास : कोनि (१ -४)

निर्मिति : प्रबन्धरचना , व्याकरण , बोधपरीक्षण ।

MONDAY TEST SYLLABUS

जोड़ासाँकोर धारे ,व्याकरण , प्रबन्धरचना ।

TERM 2

प्रबन्ध ओ गद्य संकलन

- १। अनाचार

- ২। রেকর্ড
৩। বীর্ষশৃঙ্খা

কবিতা সংকলন

- ১। বর্ণপরিচয়
২। সালেমনের মা
৩। বাবরের প্রার্থনা

উপন্যাস : কোনি (১-৭) নির্মিতি : প্রবন্ধরচনা, ব্যাকরণ, বোধপরীক্ষণ।

MONDAY TEST SYLLABUS

রেকর্ড, ব্যাকরণ, প্রবন্ধরচনা।
PROJECT- ওরা কাজ করে কবিতা।

SUBJECT: MATHEMATICS

TERM 1

1. Chapter 10: Quadratic Equations
2. Chapter 11: Inequalities.
3. Chapter 3: Angles & Arc length.
4. Chapter 4: Trigonometry function.
5. Chapter 5: Compound angles.
6. Chapter 8: Mathematical induction.
7. Chapter 12: Permutation & Combination.
8. Chapter 13: Binomial theorem.
9. Chapter 1: Set.
10. Chapter 8: Relation & functions.
11. Chapter 18: Limits.
12. Chapter 19: Differentiation.
13. Chapter 20: Measures of central tendency.
14. Chapter 21: Measures of Dispersion.

MONDAY TEST SYLLABUS

Quadratic equation, Angles & Arc length, Trigonometry function, Trigonometry function and Trigonometric equations.

TERM 2

1. Chapter 9: Complex Number.

2. Chapter 14: Sequence and series.
3. Chapter 6: Trigonometric Equations
4. Chapter 7: Properties of triangle.
5. Chapter 15: Coordinate geometry -Points & their coordinates.
6. Chapter 16: The Straight line.
7. Chapter 17: Circles.
8. Chapter 22: Probability.

Section B

9. Chapters 23, 24 and 25: Conic Sections- parabola, ellipse & Hyperbola.
10. Chapter 26: Introduction to 3 D geometry.
11. Chapter 27: Mathematical Reasoning.

Section C

12. Chapter 28: Statistics.
13. Chapter 29: Correlation Analysis
14. Chapter 30: Index No.
15. Chapter 31: Moving Average.

MONDAY TEST SYLLABUS:

Complex Number, Permutation & Combination, Binomial theorem, Mathematical induction, and Sequence and series.

SUBJECT: PHYSICS

TERM 1

1. Chapter 1- Physical World and Measurement
2. Chapter 2- Kinematics
3. Chapter 3- Laws of Motion
4. Chapter 4- Work, Power and Energy
5. Chapter 5- Motion of system of particles and rigid body

MONDAY TEST SYLLABUS

1. Chapter 1- Elementary Calculus, Accuracy and Errors, Significant figures, Dimensions
2. Chapter 2 -Kinematics

PRACTICALS

1. To find the diameter of a bob by vernier callipers and hence its volume
2. To find the diameter of a thick wire and its cross sectional area by screw gauge
3. To find the radius of curvature of a spherical surface by a spherometer
4. To verify the parallelogram law of forces

5. To find the acceleration due to gravity using a simple pendulum

TERM 2

1. Chapter 6 – Gravitation
2. Chapter 7- Properties of Bulk Matter
3. Chapter 8 - Heat (Thermal properties of matter) and Thermodynamics
4. Chapter 9 - Behaviour of perfect gases and kinetic theory of gases
5. Chapter 10- Oscillation and Waves

MONDAY TEST SYLLABUS

1. Chapter 6– Gravitation
2. Chapter 7 - Properties of Bulk Matter

PRACTICALS

1. To determine acceleration due to gravity by Hooke's law
2. To measure the atmospheric pressure using Fortin's barometer
3. To verify Newton's law of cooling using a calorimeter
4. To find out velocity of sound in air by Resonance tube

SUBJECT : CHEMISTRY

TERM 1:

1. Chapter 1 : Some basic concepts of chemistry
2. Chapter 2 : Structure of Atom
3. Chapter 3 : Classification of Elements and Periodicity in properties.
4. Chapter 8 : Redox reactions
5. Chapter 9 : Hydrogen
6. Chapter 10 : s – Block Elements
7. Chapter 12 : Organic Chemistry : Some basic Principles and Techniques
8. Chapter 14 : Environmental Chemistry

MONDAY TEST SYLLABUS:

1. Chapter 1 : Some basic concepts of Chemistry
2. Chapter 9 : Hydrogen

PRACTICAL:

1. Acid- base titration involving molarity, normality and percentage purity.
2. Qualitative Analysis:- Identification of the following in a given salt
(will continue up to 2nd term)
Cations: NH_4^+ , Pb^{2+} , Cu^{2+} , Al^{3+} , Fe^{3+} , Zn^{2+} , Ca^{2+} , Mg^{2+} , Ba^{2+} , Mn^{2+} , Sr^{2+} , Ni^{2+} , Co^{2+}
Anions: CO_3^{2-} , NO_2^- , S^{2-} , SO_3^{2-} , SO_4^{2-} , NO_3^- , CH_3COO^- , Cl^-
Anions: Dilute acid group – CO_3^{2-} , NO_2^- , S_2^- , SO_3^{2-}
Concentrated Acid Group – NO_3^- , Cl^- , Br^- , I^- , CH_3COO^- .

Special Group - SO_4^{2-} , PO_4^{3-} , $\text{C}_2\text{O}_4^{2-}$.

Cations:

Group Zero: NH_4^+

Group I: Pb^{2+}

Group II: Cu^{2+} , Pb^{2+}

Group III: Al^{3+} , Fe^{3+}

Group IV: Zn^{2+} , Mn^{2+} , Ni^{2+} , Co^{2+}

Group V: Ba^{2+} , Sr^{2+} , Ca^{2+}

Group VI: Mg^{2+}

TERM 2:

1. Chapter 4 : Chemical Bonding and Molecular Structure
2. Chapter 5 : States of matter : Gases and Liquids
3. Chapter 6 : Chemical Thermodynamics
4. Chapter 7 : Equilibrium
5. Chapter 11 : Some p – Block Elements
6. Chapter 13 : Hydrocarbons

MONDAY TEST SYLLABUS:

1. Chapter 4 : Chemical Bonding and Molecular Structure
2. Chapter 11 : Some p – Block Elements

PRACTICAL:

1. Acid- base titration involving molarity, normality and percentage purity.
2. Qualitative Analysis:- Identification of the following in a given salt (will continue up to 2nd term)

Cations: NH_4^+ , Pb^{2+} , Cu^{2+} , Al^{3+} , Fe^{2+} , Zn^{2+} , Ca^{2+} , Mg^{2+} , Ba^{2+} , Mn^{2+} , Sr^{2+} , Ni^{2+}

Anions: CO_3^{2-} , NO_2^- , S^{2-} , SO_3^{2-} , SO_4^{2-} , NO_3^- , CH_3COO^- , Cl^-

Anions: Dilute acid group – CO_3^{2-} , NO_2^- , S_2^{2-} , SO_3^{2-}

Concentrated Acid Group – NO_3^- , Cl^- , Br^- , I^- , CH_3COO^- .

Special Group - SO_4^{2-} , PO_4^{3-} , $\text{C}_2\text{O}_4^{2-}$.

Cations:

Group Zero: NH_4^+

Group I: Pb^{2+}

Group II: Cu^{2+} , Pb^{2+}

Group III: Al^{3+} , Fe^{3+}

Group IV: Zn^{2+} , Mn^{2+} , Ni^{2+} , Co^{2+}

Group V: Ba^{2+} , Sr^{2+} , Ca^{2+}

Group VI: Mg^{2+}

3. Preparation of inorganic compounds
 - (a) Preparation of potash alum/Mohr's salt
 - (b) Preparation of crystalline $\text{FeSO}_4/\text{CuSO}_4$
4. Paper Chromatography

SUBJECT: BIOLOGY

TERM 1

Unit-I: Diversity Of Living Organism

1. Chapter 1: The Living World
2. Chapter 2: Biological Classification
3. Chapter 3: Plant Kingdom
4. Chapter 4: Animal Kingdom

Unit-II: Structural Organisation in Animals and Plants

5. Chapter 5: Morphology of flowering plants
6. Chapter 6: Anatomy of flowering plants
7. Chapter 7: Animal Tissues, Morphology and Anatomy of Cockroach

Unit-III: Cell Structure And Function

8. Chapter 8: Cell: The unit of life
9. Chapter 9: Biomolecules: Chemical Constituents of Living cells
10. Chapter 10: Cell Cycle and Cell Division

MONDAY TEST SYLLABUS:

1. Chapter 1: The Living World
 2. Chapter 2: Biological Classification
 3. Chapter 3: Plant Kingdom
- Practical: As per the ISC 2025 syllabus

TERM 2

Unit-IV: Plant Physiology

1. Chapter 11: Transport in Plants
2. Chapter 12: Mineral Nutrition in Plants
3. Chapter 13: Photosynthesis in Higher Plants
4. Chapter 14: Respiration in Plants
5. Chapter 15: Plant Growth and Development

Unit-V: Human Physiology

6. Chapter 16: Digestion and Absorption
7. Chapter 17: Breathing and Exchange of Gases
8. Chapter 18: Body Fluids and Circulation
9. Chapter 19: Excretory Products and their Elimination
10. Chapter 20: Locomotion and Movement
11. Chapter 21: Neural Control and Coordination
12. Chapter 22: Chemical Coordination and Integration

MONDAY TEST SYLLABUS:

1. Chapter 12: Mineral Nutrition in Plants
2. Chapter 16: Digestion and Absorption
3. Chapter 17: Breathing and Exchange of Gases

SUBJECT: COMPUTER SCIENCE**TERM 1**

1. Chapter 1: Data Representation
2. Chapter 2: Propositional Logic and Hardware
3. Chapter 3: General Concept of OOPS
4. Chapter 4: Introducing Java
5. Chapter 5: Java Fundamentals
6. Chapter 6: Flow of Control
7. Chapter 7: Classes in Java
8. Chapter 8: Functions (Methods) [Without Recursion]
9. Chapter 10: Using Library Classes

MONDAY TEST SYLLABUS:

1. Chapter 1: Data Representation
2. Chapter 7: Classes in Java
3. Chapter 8: Functions (Methods) [Without Recursion]
4. Programming Concepts based on ICSE Syllabus.

PRACTICAL:

A practical file of 10 Java programs from Classes & Objects and Number based problems

TERM 2:

1. Chapter 9: Program Error Types and Basic Exception Handling
2. Chapter 11: Arrays and Strings
3. Chapter 12: Operations on Files
4. Chapter 8: Functions (Methods) [Recursion]
5. Chapter 13: Trends in Computing and Ethical Issues
6. Chapter 14. Packages

MONDAY TEST SYLLABUS:

1. Chapter 11: Arrays and Strings
2. Chapter 9: Program Error Types and Basic Exception Handling

PRACTICAL:

A practical file of 10 Java programs from String and Recursion

LIST OF SUGGESTED PROJECTS: PRESENTATION / MODEL BASED/ APPLICATION BASED

1. Creating an expert system for road-traffic management (routing and re-routing of vehicles depending on congestion).
2. Creating an expert system for medical diagnosis on the basis of symptoms and prescribing suitable treatment.
3. Creating a security system for age-appropriate access to social media.
4. Simulate Adders using Arduino Controllers and Components.
5. Simulate a converter of Binary to Decimal number systems using Arduino Controllers and Components.
6. Develop a console-based application using Java for Movie Ticket Reservation.
7. Develop a console-based application using Java to encrypt and decrypt a message (using cipher text, Unicode-exchange, etc).
8. Develop a console-based application using Java to find the name of the bank and branch location from IFSC.
9. Develop a console-based application using Java to calculate taxable income (only direct tax).
10. Develop a console-based application using Java to develop a simple text editor (text typing, copy, cut, paste, delete).

SUBJECT: HISTORY

TERM 1

1. Chapter 1 - Growth of Nationalism
2. Chapter 2 - Social and Religious Movements in India
3. Chapter 3 - World War 1
4. Chapter 4- Peace settlements after World War 1 and the establishment of League Of Nations
5. Protest Movements against the colonial rule
6. Suffragette Movement

MONDAY TEST SYLLABUS

1. Chapter 1 - Protest Movements against the colonial rule
2. Chapter 2 - Swadeshi movement and revolutionary nationalism
3. Chapter 3 - Suffragette Movement

PROJECT

Technological advancement made World War 1 more diabolical and accursed. In context to this discuss the new technologies used during the war and its impact through methods like Documentary review/ film review/ book review

OR

The unknown history of famous Revolutionary nationalists like Aurobindo Ghosh, Barin Ghosh, Bhupendra Nath Dutta or any other. Methodology to be used case study of book review

TERM 2

1. Chapter 1 - Emergence of Colonial Economy
2. Chapter 2 - Gandhian nationalism from 1916 to 1934
3. Chapter 3 - Rise of Communism
4. Chapter 4- Rise of Nazism
5. Chapter 5-Rise of Militarism in Japan
6. Rise of Fascism
7. Great Depression

MONDAY TEST SYLLABUS

1. Chapter 1 - Rise of Fascism
2. Chapter 2 - Great Depression
3. Chapter 3 - Launching of passive resistance movement by Gandhi

PROJECT

Rabindranath Tagore - The Nationalist (Powerpoint presentation)

OR

Rohingya Crisis (PowerPoint Presentation)

SUBJECT: SOCIOLOGY

TERM 1

1. Chapter 1 - Origin of Sociology
2. Chapter 2 - Research Methodology
3. Chapter 3 - Basic Concepts

MONDAY TEST SYLLABUS

1. Chapter 1 - Origin of Sociology
2. Chapter 2 - Research methodology

PROJECT/ FILE SUBMISSION - Primary research

Topic

1. Cultural fusion- The Millenials and Gen Z

2. Changing Indian Culture and Tradition

TERM 2

1. Chapter 1 - Social Structure
2. Chapter 2 - Social Problem
3. Chapter 3 - Indian sociologists

MONDAY TEST SYLLABUS

1. Chapter 1 - Social structure
2. Chapter 2 - Social problem

PROJECT

Secondary research

Topic

1. Biographical sketch on Irawati Karve/ M.N. Srinivas
2. Problems of the aged in India

SUBJECT - GEOGRAPHY

TERM 1

1. Geography: Its interdisciplinary approach and future prospects
2. Age and origin of the earth
3. Interior of the earth
4. Rocks
5. Endogenous processes and associated landforms
6. Drifting of continents and plate tectonics
7. Isostasy
8. Volcanoes and earthquakes
9. Exogeneous processes and associated landforms
10. Soils
11. Fluvial processes and associated landforms
12. Aeolian processes and associated landforms
13. Glacial processes and associated landforms
14. Work of ground water and associated landforms
15. Marine processes and associated landforms
16. Composition and structure of the atmosphere
17. Insolation and temperature

MAP: World

Project: Statistical diagrams, Map projections, Aerial photographs

MONDAY TEST SYLLABUS:

World map, Chapters 2, 3, 4

TERM 2

1. 18. Atmospheric pressure and temperature
2. 19. Atmospheric moisture
3. 20. Coral reefs
4. 21. Submarine relief
5. 22. Marine life and deposits
6. 23. Temperature, Salinity and Density of Ocean water
7. 24. Ocean water movements
8. 25. The Biosphere and biodiversity
9. 26. Biodiversity for sustenance of mankind
10. 27. India as a mega diversity nation
11. 28. Loss of biodiversity
12. 29. Strategies for conservation of biodiversity
13. 30. World climatic types
14. 31. Climate change
15. 32. Natural hazards: Their causes and management

And the entire syllabus of the first term

Map: World

Project: Project work

MONDAY TEST SYLLABUS:

World map, Chapters 25-30

SUBJECT: POLITICAL SCIENCE

TERM 1

SECTION A – Political theory

1. Chapter 1. Introduction to Political Science- Fundamental concepts.
2. Chapter 2. Origin of the State .
3. Chapter 3. Political Ideologies

SECTION B-Contemporary International Relations

4. Chapter 4. Disintegration of the Soviet Union.
5. Chapter 5. End of Cold war and its impact on the world order
6. Chapter 6. Unipolar world.
7. Chapter 7. Regional Cooperation.
8. Chapter 8. Non Aligned Movement

MONDAY TEST SYLLABUS

1. Chapter 1. Disintegration of the Soviet Union.
 2. Chapter 2. End of Cold War and its impact on the world order.
 3. Chapter 3. Introduction to Political Science
 4. Chapter 4. Non Aligned Movement.
- Project-PPT on a contemporary national / international political issue

TERM 2

1. Chapter 1 .Law
2. Chapter 2. Liberty.
3. Chapter 3. Equality
4. Chapter 4. Justice
5. Chapter 5. Sovereignty.

MONDAY TEST SYLLABUS

1. Chapter 1 .Law
2. Chapter 2. Liberty.
3. Chapter 4. Justice
4. Chapter 5. Sovereignty.

Project – as per the scope of syllabus for ISC 2023-24

Students are required to undertake one project from among the following

- 1.A case study.
- 2.Survey study with a questionnaire
- 3.Research based project with in-depth analysis
- 4.Local/national /global political issue
- 5.Book review/ film review/documentaries/posters/newspapers/advertisements/
Cartoons and art.

SUBJECT: PSYCHOLOGY

TERM 1

1. 1.The subject Psychology
2. 2.Research Methods
3. 3.Emotion & Motivation
4. 4.Learning & Learning Disabilities

MONDAY TEST SYLLABUS

1. 1.The subject Psychology
 2. 2.Research Methods
- Project/ file submission - project 1

TERM 2

1. 1.Attention & Perception
2. 2.Remembering & Forgetting
3. 3.Statistics

4. 4.Thinking, reasoning, problem-solving & creative thinking

MONDAY TEST SYLLABUS

1. 1.Attention & Perception
2. 2.Remembering & Forgetting
3. Project/ file submission - Project 2

SUBJECT: ENVIRONMENTAL SCIENCE

TERM I

1. Chapter 1--Modes of existence
2. Chapter 2—Ecology
3. Chapter 4—Legal Regimes for Sustainable Development

MONDAY TEST SYLLABUS

1. Chapter 1--Modes of existence
2. Chapter 2—Ecology
3. Chapter 4—Legal Regimes for Sustainable Development

Project: Project assignment (anyone of the following)

- a) Address a current environmental problem (should include problem identification and analysis)
- b) Design and conduct an Environment Impact Assessment
- c) Field work and training in an environmental organisation.
- d) Conduct a study on the density and population of plants growing in a particular area using the quadrat method.

TERM II

1. Chapter 3--Pollution
2. Chapter 5--Technology and Environment
3. Chapter 6--Designing and Planning for Environment Conservation and Protection

MONDAY TEST SYLLABUS

1. Chapter 3—Pollution
 2. Chapter 5—Technology and Environment
- (Full syllabus for Final Term Examination)

SUBJECT: HOME SCIENCE

TERM 1

- I. Concept and Scope of Home science
 1. Introduction to the five streams in Home Science
 2. Importance and relevance of the study of Home Science
 3. Career options in Home Science

- II. Resource management
 1. Resources
 2. Management at Home and Decision Making
 3. Time & Energy Management

- III. Food & Nutrition
 1. Introduction to Food & Nutrition
 2. Food Groups & Balanced Diet
 3. Study of Micro & Macro Nutrients

MONDAY TEST SYLLABUS:

1. Introduction to the five streams in Home Science
2. Importance and relevance of the study of Home Science
3. Career options in Home Science
4. Resources

PRACTICAL

1. Table Setting & Napkin Folding
2. Floor Decoration: Alpana and Rangoli
3. Techniques of Cutting & Chopping
4. Planning of different cuisines of the world
Preparation of food using simple cooking techniques such as boiling, frying, steaming, grilling, baking etc.

TERM 2

- IV. Storage & Preservation of food
 1. Causes of Food Spoilage
 2. Storage of Foods
 3. Food Preservation

- V. Care & Maintenance of Textiles
 1. Methods of laundering
 2. Household Methods of Stain Removal

- VI. Communication and Extension

1. Methods of Communication
2. Role of Audio-Visual Aids
3. Social Media

VII. Human Development

1. Introduction to the Study of Human Development
2. Periods of Growth & Development during Childhood (0-12 years)
3. Perspectives of Human Development
4. Personality development and image building

MONDAY TEST SYLLABUS:

1. Causes of Food Spoilage
2. Storage of Foods
3. Food Preservation
4. Methods of laundering

PRACTICAL

1. Meal Planning for a Picnic
2. Meal Planning for a Birthday Party
3. Preparation of food using simple cooking techniques such as boiling, frying, steaming, grilling, baking etc.

SUBJECT: COMMERCE

TERM 1

Unit 1- nature and purpose of business

1. Chapter 1- classification of human activities
2. Chapter 2- nature and objectives of business
3. Chapter 3- classification of business activities

Unit 2- forms of business organisations

1. Chapter 4- introduction to business organizations
2. Chapter 5- sole trader
3. Chapter 6- partnership
4. Chapter 7- joint stock company
5. Chapter 8- types of companies
6. Chapter 9- formation of companies
7. Chapter 10- public enterprises, public utilities and public private partnerships
8. Chapter 11- cooperative organizations

Unit 3- social responsibility of business and business ethics

1. Chapter 12- social responsibility of business and business ethics

MONDAY TEST SYLLABUS:

Chapter 1, 2 & 3

Project 1 – Business plan for partnership firm

TERM 2

Unit 4- Emerging modes of business

1. Chapter 13- e-business and outsourcing

Unit 5- Stock Exchange

1. Chapter 14- stock exchange

Unit 6- Inland Trade

1. Chapter 15- wholesale trade
2. Chapter 16- retail trade
3. Chapter 17- procedure and documents used in home trade

Unit 7- Foreign Trade

1. Chapter 19- nature and scope of foreign trade
2. Chapter 20- export trade
3. Chapter 21- import trade
4. Chapter 22- world trade organizations

Unit 8- Insurance

1. Chapter 23- insurance
2. Chapter 24- types of insurance
revision

MONDAY TEST SYLLABUS

Chapter 14, 23 & 24

PROJECT

Stock Exchange

SUBJECT: BUSINESS STUDIES

TERM 1

1. Chapter 1- Business Environment
2. Chapter 2- Entrepreneurship
3. Chapter 3- Business risks and causes of failure
4. Chapter 4- Manager and managerial roles

MONDAY TEST SYLLABUS

1. Chapter 1- Business Environment
PROJECT 1- Business Environment

TERM 2

1. Chapter 5- Authority, Responsibility and Accountability
2. Chapter 6- Change Management
3. Chapter 7- Automation at Workplaces
4. Chapter 8- Productivity Enhancement Tools And Facilities

MONDAY TEST SYLLABUS

1. Chapter 5- Authority, Responsibility and Accountability
2. Chapter 6- Change Management

PROJECT 2- Business risks and causes of failure

The entire ISC Syllabus will be included in the Final Term.

SUBJECT: ACCOUNTS

TERM 1

1. Introduction to accounting
2. Basic accounting terms
3. Gaap & basic accounting principles.
4. Accounting standards: concepts & objectives, ifrs
5. Bases of accounting
6. Accounting equation
7. Journal (including gst) & ledger 8.cash book & petty cash book
8. Day book
9. Trial balance
10. Brs

MONDAY TEST SYLLABUS:

1. Introduction to accounting
2. Gaap & basic accounting principles.
3. Accounting standards: concepts & objectives, ifrs
4. Bases of accounting
5. Accounting equation
6. Journal (including gst) & ledger

Project-1

Topic: Brs with amended cash book

TERM 2

1. 1.depreciation,,provision & reserves 2.bills of exchange
2. 3.capital & revenue expenditure/income

3. 4.final accounts
4. 5.rectification of errors
5. 6.accounts from incomplete records
6. 7.non trading organisations
7. Computers in accounting (including chapters of the first term)

MONDAY TEST SYLLABUS:

1. depreciation, provision & reserves
2. final accounts
3. rectification of errors

Project-2

Topic: journal, ledger, trial balance & final accounts (minimum 25 transactions)

The entire ISC Syllabus will be included in the Final Term.

SUBJECT: ECONOMICS

TERM 1

1. Chapter-1.Definition of Economics
2. Chapter-2.Basic Concepts of Economics
3. Chapter-3.Basic Problems of an Economy
4. Chapter-4.Types of Economies
5. Chapter-5. Solutions to the Basic Economic Problems under different Economic Systems.
6. Chapter-6. Economic Growth and Development
7. Chapter-7. Parameters (Indicators) of
8. Chapter-8. Sustainable Development
9. Chapter-17.Definition, Scope, Importance and Limitations of Statistics.
10. Chapter-18.Collection, Organization and Presentation of Data.
11. Chapter-19.Measures of Central Value
12. CHAPTER-20.Measures of Dispersion

MONDAY TEST SYLLABUS

1. CHAPTER-1.Definition of Economics
2. CHAPTER-2.Basic Concepts of Economics

3. CHAPTER-19.Measures of Central Value (few topics)

PROJECT 1

Historical background of the Four Fathers of Economics.

TERM 2

1. Chapter-9.Planning & Economic Development in India.
2. Chapter-10.Indian Economy post liberalization
3. Chapter-11.Structural Changes in the Indian Economy after Liberalization.
4. Chapter-12.The Problem of Poverty in India
5. Chapter-13.Profile of Indian Agriculture/Rural Development
6. Chapter-14.Human Capital Formation in India
7. Chapter-15.Unemployment in India-Problems and Policies
8. Chapter-20.Measures of Dispersion: Continued
9. Chapter-21.Correlation
10. Chapter-22.Index Number
11. Chapter-23.Some Mathematical Tools Used in Economics

MONDAY TEST SYLLABUS

1. Chapter-11.Structural Changes in the Indian Economy after Liberalization.
2. Chapter-20.Measures of Dispersion: Continued (few topics)

Project 2

Project based on Measures of Central Value.

The entire syllabus will be included in the final examination.

SUBJECT: PHYSICAL EDUCATION

TERM 1

1. Chapter 1 - Concept of physical education
2. Chapter 2 - Individual aspects and group dynamics
3. Chapter 6 - Games and sports a global perspective
4. Games- Cricket & football
5. PRACTICAL- Physical efficiency test

MONDAY TEST SYLLABUS

1. Chapter 1 - Concept of physical education
2. Games- cricket

TERM 2

1. Chapter 3-Effects of physical exercise on human body systems
2. Chapter 5-Physical fitness and wellness
3. Chapter 6- Games and sports a global perspective
4. Games- Cricket, football & basketball

MONDAY TEST SYLLABUS

1. Chapter 5 -Physical fitness and wellness
2. Games- football

PRACTICAL

Football