

# MGM HIGHER SECONDARY SCHOOL

Sector 4F/ Bokaro Steel City

## Syllabus for Accountancy (055) for Class XI

Session : 2024–25

CBSE Units	Topics for Examinations
Unit 1	<b><u>First Periodic Test</u></b>
	Theoretical Framework (Upto Accounting Equation)
	<b><u>Half Yearly</u></b>
Unit : 1 Unit : 2	Theoretical Framework Accounting Process
Unit : 3	<b><u>For Second Periodic Test</u></b>
	Financial Statements of a Sole Proprietorship (From Complete Records)
UNIT : 1 UNIT : 2 UNIT : 3	<b><u>SYLLABUS FOR PROMOTION EXAMINATION</u></b>
	Theoretical Framework
	Accounting Process
	Financial Statements of a Sole Proprietorship

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Co-ordinator  
(Arts, Commerce and Economics)

## **Syllabus break up for Examinations**

### **Accountacy (055) for Class 12**

**Session : 2024-25**

#### **First Periodic Test**

<b>CBSE UNITS</b>	<b>TOPICS</b>
<b>2</b>	Accounting for Share Capital
<b>4</b>	Cash Flow Statements

#### **Half Yearly Examination**

<b>2</b>	Accounting for Share Capital
<b>4</b>	Cash Flow Statements
<b>1</b>	Accounting for Partnership (Upto Retirement of a Partner)

#### **Second Periodic Test**

<b>1</b>	Accounting for Partnership (Death & Dissolution only)
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#### **First Pre Board**

<b>2</b>	Accounting for Share Capital
<b>4</b>	Cash Flow Statements
<b>1</b>	Accounting for Partnership

#### **Second Pre Board**

	<b>Full CBSE Syllabus</b>
	<b>FOR CBSE BOARD EXAMINATION</b>
	<b>Full CBSE Syllabus</b>

## MGM HIGHER SECONDARY SCHOOLBOKARO STEEL CITY

**SYLLABUS BREAKUP**

SESSION-2024-25CLASS – XI

SUBJECT – Applied Mathematics

MONTH	WEEK	UNIT NO.	CHAPTER/TOPIC
<b>JUNE-24</b>	3 <sup>RD</sup>	1	<b>NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS</b> Binary Numbers
	4 <sup>TH</sup>	1	Indices, Logarithm and Antilogarithm Averages
	5 <sup>TH</sup>	1	Clock
<b>JULY-24</b>	1 <sup>ST</sup>	1	Calendar Time, Work and distance Mensuration
	2 <sup>ND</sup>	1	Mensuration (contd.) Seating arrangement
	3 <sup>RD</sup>	2	<b>ALGEBRA</b> Sets, Types of Sets, Subsets, Venn Diagrams Operations on Sets <b>Periodic Test 1 (15.07.2024 onwards)</b>
	4 <sup>TH</sup>	2	Sets (To be continued)
	5 <sup>TH</sup>	2	Relations
<b>AUGUST-24</b>	1 <sup>ST</sup>	2	Sequence and series A.P, G.P, Applications of A.P and G.P
	2 <sup>ND</sup>	2	Sequence and Series (To be continued)
	3 <sup>RD</sup>	2	Permutations and combinations Factorials, FPC, Permutations, to apply Concept of Permutations to solve simple problem.
	4 <sup>TH</sup>	2	Combinations, to apply the formula of combination to solve the related problem
<b>SEPTEMBER-24</b>	1 <sup>ST</sup>	3	<b>MATHEMATICAL REASONING</b> Mathematical Reasoning Logical Reasoning
	2 <sup>ND</sup>	<b>HALF- YEARLY EXAMINATION</b>	
	3 <sup>RD</sup>		
	4 <sup>TH</sup>	4	<b>CALCULUS</b> Functions Limits and Continuity of function

<b>OCTOBER-24</b>	1 <sup>ST</sup>	4	Limits and Continuity of a Function (To be continued)
	2 <sup>ND</sup>	<b>Puja Vacation</b>	
	3 <sup>RD</sup>	4	Instantaneous rate of change Differentiation Chain Rule
	4 <sup>TH</sup>	5	<b>PROBABILITY</b> Random experiment, events Conditional Probability
	5 <sup>TH</sup>	5	Total probability
<b>NOVEMBER-24</b>	1 <sup>ST</sup>	<b>Deepawali Vacation</b>	
	2 <sup>ND</sup>	5	Bays' Theorem
	3 <sup>RD</sup>	6	<b>DISCRIPTIVE STATISTICS</b> Measure of Dispersion Skewness and Kurtosis <b>Periodic Test 2 (25.11.2024 onwards)</b>
	4 <sup>TH</sup>	6	Percentile Rank and quartile rank Correlation
<b>DECEMBER-24</b>	1 <sup>ST</sup>	7	<b>FINANCIAL MATHEMATICS</b> Compound Interest and Annuity
	2 <sup>ND</sup>	7	Compound Interest and Annuity (Continued)
	3 <sup>RD</sup>	7	Taxation (G.S.T and Income tax)
	4 <sup>TH</sup>	<b>Winter Vacation</b>	
<b>JANUARY-25</b>	1 <sup>ST</sup>	7	UTILITY BILLS Bills, Tariff Rates, Fixed Charge, Surcharge, Calculation and interpretation of electricity bill, water supplybill.
	2 <sup>ND</sup>	8	<b>CO-ORDINATE GEOMETRY</b> Straight Lines
	3 <sup>RD</sup>	8	Circle
	4 <sup>TH</sup>	8	Parabola
	5 <sup>TH</sup>	<b>COMPLETION OF SYLLABUS</b>	

PORTION FOR EXAM  
**FIRST PERIODIC TEST (15.07.2024)**

**UNIT – 1 - NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS**

TOPICS-

- Binary Numbers
- Indices, Logarithm and Antilogarithm
- Averages
- Clock
- Calendar
- Time, Work and distance
- Mensuration
- Seating arrangement

**HALF-YEARLY EXAM (09.09.2024)**

**UNIT – 1 - NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS**

TOPICS-

- Binary Numbers
- Indices, Logarithm and Antilogarithm
- Averages
- Clock
- Calendar
- Time, Work and distance
- Mensuration
- Seating arrangement

**Unit – 2- ALGEBRA**

TOPICS-

- Sets, Types of Sets, Subsets, Venn Diagrams Operations on Sets
- Relation
- Sequence and series
- Permutations and combinations

**Unit – 3- LOGICAL REASONING**

**SECOND PERIODIC TEST (25.11.2024)**

**UNIT – 3 - CALCULUS**

TOPICS-

- Functions
- Limits and Continuity of function
- Differentiation

**UNIT – 4 - PROBABILITY**

TOPICS-

- Random experiment, events Conditional Probability
- Total probability
- Bays' Theorem

**ANNUAL EXAMINATION (2024-25)**

**Entire Syllabus (excluding deleted parts) will be included.**

**UNIT 1-8**

**M.G.M HIGHER SECONDARY SCHOOL, BOKARO**  
**SYLLABUS BREAKUP YEAR: 2024 - 2025**  
**CLASS – XI**  
**SUBJECT – CHEMISTRY**

Month	Week	Chapter No.	Topic
June	3 <sup>rd</sup>	1	<b><i>Some Basic concept in Chemistry:</i></b> Chemistry its importance, significant figure, units, Law of chemical combination, Mole concept
	4 <sup>th</sup>		Chemical equation and empirical formula
July	1 <sup>st</sup>	2	<b><i>Structure of Atom:</i></b> Atomic model, dual nature of electron, De-Broglie's equation, principle of uncertainty of electron
	2 <sup>nd</sup>		Quantum number, Pauli's Exclusion principle, Hund's rule,
	3 <sup>rd</sup>	3	Electronic configuration, energy of electron in an atom.
	4 <sup>th</sup>		<b><i>Classification of Element and Periodicity in properties:</i></b> Introduction (brief historic development of periodic table), Mendeleev's periodic law, MPL.
August	1 <sup>st</sup>	4	Nomenclature of elements with atomic number greater than 100, Periodic properties of elements: atomic radius, $E_a$ , $E_n$ , $I_p$ .
	2 <sup>nd</sup>		<b><i>Chemical Bonding and Molecular Structure:</i></b> Cause of bond formation, Types of chemical bonding, Lewis structure, Types of covalent bond, VOT
	3 <sup>rd</sup> & 4 <sup>th</sup>		MOT, hydrogen bonding, Hybridisation.
September	1 <sup>st</sup>	5	<b><i>Chemical Thermodynamics:</i></b> Some basic terms and concepts related to thermodynamics, zeroth law & 1 <sup>st</sup> & 2 <sup>nd</sup> Law of thermodynamics.
	2 <sup>nd</sup>		Intrinsic energy, Enthalpy change, Heat capacity of gas, $\Delta S$ & $\Delta G$
	3 <sup>rd</sup>		Type of Heat reaction, Hess's Law & its application
	4 <sup>th</sup>	6	<b><i>Equilibrium:</i></b> Equilibrium involving physical and chemical change, law of chemical equilibrium
October	1 <sup>st</sup>		Equilibrium constant, effect of equilibrium constant
	2 <sup>nd</sup>		Le-Chatelier's principle, Ostwald's dilution law
	3 <sup>rd</sup>		Acids, bases, pH scale and its value, common ion effect
	4 <sup>th</sup>		Buffer solution, solubility product, hydrolysis of salt.
November	1 <sup>st</sup>	7	<b><i>Redox Reaction:</i></b> Oxidation & reduction reaction (Three concepts), oxidizing agent & Reducing Agent
	2 <sup>nd</sup>		Oxidation number & balancing of chemical equation
	3 <sup>rd</sup>		Balancing of chemical equation
	4 <sup>th</sup>	8	<b><i>Organic chemistry : Some Basic Principles and Techniques:</i></b> Qualitative and quantitative analysis
December	1 <sup>st</sup>		Purification of organic compounds, Nomenclature of organic compounds
	2 <sup>nd</sup>		Nomenclature of organic compounds
	3 <sup>rd</sup>		Inductive effect, Mesomeric effect & Hyperconjugation,
	4 <sup>th</sup>		Isomerism, resonance.
January	1 <sup>st</sup>	9	<b><i>Hydrocarbon:</i></b> Types of Isomerism, conformation

	2 <sup>nd</sup>		General methods of preparation and chemical properties of alkane and alkene
	3 <sup>rd</sup>		Preparation and properties of alkyne, aromaticity, preparation and properties of benzene
	4 <sup>th</sup>		Question- Answer of exercise

**PORTION OF EXAMINATION**  
**CHEMISTRY CLASS XI**  
**SESSION 2024-2025**

Exam	Chapter No.	Name of Chapter
1 <sup>st</sup> Periodic Test 15 <sup>th</sup> July 2024	1	Some Basic Concepts in Chemistry
	2	Structure of atom
Half Yearly 9 <sup>th</sup> Sept. 2024	1	Some Basic Concepts in Chemistry
	2	Structure of Atom
	3	Classification of elements and periodicity in properties
	4	Chemical bonding and molecular structure
	5	Chemical Thermodynamics
2 <sup>nd</sup> Periodic Test 25 <sup>th</sup> Nov. 2024	6	Equilibrium
	7	Redox Reaction
Annual Exam	Entire syllabus as per CBSE	

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# **MGM HIGHER SECONDARY SCHOOL, BOKARO STEEL CITY**

## **SYLLABUS BREAKUP**

**SESSION-2024-25**

**CLASS – XI**

**SUBJECT – Computer Science-083**

MONTH	WEEK	UNIT NO.	CHAPTER/TOPIC
JUNE	4 <sup>TH</sup>	1	<b>Chapter 1: Computer System Overview</b> Computer Components Basic Computer Organization Mobile System Organization
	5 <sup>TH</sup>	1	<b>Chapter 1: Computer System Overview</b> Types of Software <b>Chapter 2: Data Representation</b> Digital Number System Number System Conversions
JULY	1 <sup>ST</sup>	1	<b>Chapter 2: Data Representation</b> Binary Addition Character/String Representation <b>Chapter 3: Boolean Logic</b> Development of Boolean Logic Binary Valued Quantities Logical Operations
	2 <sup>ND</sup>	1	<b>Chapter 3: Boolean Logic</b> Basic Logic Gates Basic Postulates of Boolean Logic Principle of Duality Basic Theorems of Boolean Algebra/Logic
	3 <sup>RD</sup>	1	<b>Chapter 3: Boolean Logic</b> DeMorgan's Theorems <b>Chapter 4: Insight into Program Execution</b> Basic Flow of Compilation Understanding Translation Process
	4 <sup>TH</sup>	1	<b>Chapter 4: Insight into Program Execution</b> Role of an Operating System in Running a Program.
	5 <sup>TH</sup>	1	<b>Chapter 5: Introduction to Problem Solving</b> Problem Solving Cycle Designing Algorithm
AUGUST	1 <sup>ST</sup>	2	<b>Chapter 6: Getting Started with Python</b> Python-Pluses Python-Some minuses Working in Python Understanding first Program/Script
	2 <sup>ND</sup>	2	<b>Chapter 7: Python Fundamentals</b> Python Character Set Tokens
	3 <sup>RD</sup>	2	<b>Chapter 7: Python Fundamentals</b> Barebones of a Python Program Variables and Assignments Simple Input and Output (Practical)



	4 <sup>TH</sup>	2	<b>Chapter 8: Data Handling</b> Data types Mutable and Immutable types Operators Expressions (Practical)
	5 <sup>TH</sup>	2	<b>Chapter 9: Flow of Control</b> Types of Statements in Python Statement Flow Control The if Statements of Python (Practical)
<b>SEPTEMBER</b>	1 <sup>ST</sup>	Revision for Half Yearly Examination	
	2 <sup>ND</sup>	<b>HALF YEARLY EXAMINATION</b>	
	3 <sup>RD</sup>	<b>HALF YEARLY EXAMINATION</b>	
	4 <sup>TH</sup>	2	<b>Chapter 9: Flow of Control</b> Repetition of Tasks The range() Function Iteration/Looping Statements (Practical)
<b>OCTOBER</b>	1 <sup>ST</sup>	2	<b>Chapter 10: String Manipulation</b> Traversing a String String Operators (Practical)
	2 <sup>ND</sup>	2	<b>Chapter 10: String Manipulation</b> String Slices String Functions and Methods (Practical)
	3 <sup>RD</sup>	2	<b>Chapter 10: String Manipulation</b> String Functions and Methods <b>Chapter 11: List Manipulation</b> Creating and Accessing Lists List Operators (Practical)
	4 <sup>TH</sup>	2	<b>Chapter 11: List Manipulation</b> List Operators (Contd.) Making True Copy of a List (Practical)
	5 <sup>TH</sup>	2	<b>Chapter 11: List Manipulation</b> List Functions and Methods Nested Lists Working with Lists (Practical)
<b>NOVEMBER</b>	2 <sup>ND</sup>	2	<b>Chapter 12: Tuples</b> Creating and Accessing Tuples Tuple Operations Tuple Functions and Methods (Practical)
	3 <sup>RD</sup>	2	<b>Chapter 12: Tuples</b> Tuple Functions and Methods (Practical)

	4 <sup>TH</sup>	2	<b>Chapter 12: Tuples</b> Indirectly Modifying Tuples Nested Tuples (Practical)
	5 <sup>TH</sup>	2	<b>Chapter 13: Dictionaries</b> Dictionary-key-value pairs Working with Dictionaries (Practical)
<b>DECEMBER</b>	1 <sup>ST</sup>	2	<b>Chapter 13: Dictionaries</b> Working with Dictionaries (Cont.) (Practical)
	2 <sup>ND</sup>	2	<b>Chapter 13: Dictionaries</b> Dictionary Functions and Methods (Practical)
	3 <sup>RD</sup>	3	<b>Chapter 14: Cyber Safety</b> What is Cyber Safety? Safely Browsing the Web Identity Protection while using Internet Confidentiality of Information Cybercrime
<b>JANUARY</b>	1 <sup>ST</sup>	3	<b>Chapter 14: Cyber Safety</b> Computer Forensics Cyber Law and IT Act Common Social Networking Sites Appropriate usage of Social Networks
	2 <sup>ND</sup>	3	<b>Chapter 15: Online Access and Computer Security</b> Threats to Computer Security Solutions to Computer Security Threats Firewall
	3 <sup>RD</sup>	3	<b>Chapter 16: Society, Law and Ethics</b> Ethical Issues Open Source Philosophy and Software Licenses Technology and Society e-Waste Management
	4 <sup>TH</sup>	3	<b>Chapter 17: Society, Law and Ethics</b> Gender issues while teaching/using Computers Disability issues while teaching and using Computers
	5 <sup>TH</sup>	<b>Revision for Session Ending Examination</b> <b>COMPLETION OF SYLLABUS</b>	

<b><u>PORTION OF EXAM</u></b>		
<b>EXAM</b>	<b>CHAPTER NO.</b>	<b>CHAPTER NAME</b>
<b>1<sup>ST</sup> PERIODIC TEST</b> <b>(15<sup>th</sup> July 2024 onwards)</b>	<b>CHAPTER -1</b>	<b>Computer System Overview</b>
	<b>CHAPTER -2</b>	<b>Data Representation</b>
	<b>CHAPTER -3</b>	<b>Boolean Logic</b>
<b>2<sup>ND</sup> PERIODIC TEST</b> <b>(25<sup>th</sup> November 2024 Onwards)</b>	<b>CHAPTER -9</b>	<b>Flow of Control</b>
	<b>CHAPTER-10</b>	<b>String Manipulation</b>
	<b>CHAPTER-11</b>	<b>List Manipulation</b>
	<b>CHAPTER-12</b>	<b>Tuples</b>
<b>HALF-YEARLY EXAMINATION</b> <b>(9<sup>th</sup> September 2024 onwards)</b>	<b>CHAPTER -1</b>	<b>Computer System Overview</b>
	<b>CHAPTER -2</b>	<b>Data Representation</b>
	<b>CHAPTER-3</b>	<b>Boolean Logic</b>
	<b>CHAPTER-4</b>	<b>Insight into Program Execution</b>
	<b>CHAPTER-5</b>	<b>Introduction to Problem Solving</b>
	<b>CHAPTER -6</b>	<b>Getting Started with Python</b>
	<b>CHAPTER -7</b>	<b>Python Fundamentals</b>
	<b>CHAPTER-8</b>	<b>Data Handling</b>
<b>ANNUAL EXAMINATION</b> <b>(12<sup>th</sup> February 2025 onwards)</b>	<b>UNIT-1</b>	<b>Computer System and Organisation</b>
	<b>UNIT-2</b>	<b>Computational Thinking And Programming-1</b>
	<b>UNIT-3</b>	<b>Society, Law and Ethics</b>

**MARKS DISTRIBUTION FOR PRACTICAL EXAMINATION**

<b>S.NO.</b>	<b>AREA</b>	<b>MARKS</b>
<b>1</b>	<b>LAB TEST-Python Program</b>	<b>12</b>
<b>2</b>	<b>REPORT FILE-Minimum 20 python programs.</b>	<b>7</b>
<b>3</b>	<b>PROJECT</b>	<b>8</b>
<b>4</b>	<b>VIVA</b>	<b>3</b>
<b>TOTAL</b>		<b>30</b>

**M.G.M. HIGHER SECONDARY SCHOOL, B.S.CITY**  
**PORTION OF EXAM FOR THE YEAR 2024-25**  
**CLASS – XI**  
**SUBJECT –ECONOMICS**

EXAM	CHAPTER NO.	NAME OF THE CHAPTERS
<b>1<sup>st</sup> Periodic Test</b>	Chapter-1 Chapter-2 Chapter-3	Economics and Economy (Micro) Central problem of an Economy. (Micro.) Census and Sample Methods of Collection of Data. (Stats)
	Chapter-1 Chapter-2	Concepts of Economics and Significance of Statistics in Economics (Stats.) Collection of Data. (Stats.)
<b>HALF YEARLY EXAM</b>	Chapter-1 Chapter-1	Economics and economy (Micro) Concepts of Economics and significance of Statistics in Economics (Stats)
	Chapter-2 Chapter-2	Central problem of an Economy. (Micro) Collection of Data. (Stats)
	Chapter-3 Chapter-3	Consumer's Equilibrium-Utility Analysis. (Micro) Census and Sample Methods of Collection of Data. (Stats)
	Chapter-4 Chapter-4	Consumer's Equilibrium- Indifference Curve Analysis. (Micro) Organisation of Data. (Stats)
	Chapter-5 Chapter-5	Theory of Demand. (Micro) Presentation of Data- Textual and Tabular Presentation.(Stats)
	Chapter-6 Chapter-6	Price Elasticity of Demand. (Micro) Diagrammatic Presentation of Data: Bar Diagrams and Pie Diagrams. (Stats)
<b>2<sup>nd</sup> Periodic Test</b>	Chapter-7 Chapter-8 Chapter-9	Production Function and Returns to a Factor. (Micro) Concepts of Cost. (Micro) Concept of Revenue (Micro)
	Chapter-7 Chapter-8 Chapter-9	Frequency Diagrams: Histogram, Polygon and Ogive. (Stats) Arithmetic Line-Graphs or Time Series Graphs.(Stats) Measures of Central Tendency- Arithmetic Mean. (Stats)
<b>ANNUAL EXAM</b>	Chapter-1 Chapter-1	Economics and economy (Micro) Concepts of Economics and significance of Statistics in Economics (Stats)
	Chapter-2 Chapter-2	Central problem of an Economy. (Micro) Collection of Data. (Stats)
	Chapter-3 Chapter-3	Consumer's Equilibrium-Utility Analysis. (Micro) Census and Sample Methods of Collection of Data. (Stats)
	Chapter-4 Chapter-4	Consumer's Equilibrium- Indifference Curve Analysis. (Micro) Organisation of Data.(Stats)
	Chapter-5 Chapter-5	Theory of Demand. (Micro) Presentation of Data- Textual and Tabular Presentation.(Stats)

<b>ANNUAL EXAM</b>	Chapter-6 Chapter-6	Price Elasticity of Demand. (Micro) Diagrammatic Presentation of Data: Bar Diagrams and Pie Diagrams. (Stats)
	Chapter-7  Chapter-7	Production Function and Returns to a Factor. (Micro)  Frequency Diagrams: Histogram, Polygon and Ogive. (Stats)
	Chapter-8 Chapter-8	Concepts of Cost (Micro) Arithmetic Line-Graphs or Time Series Graphs.(Stats)
	Chapter-9 Chapter-9	Concept of Revenue (Micro) Measures of Central Tendency - Arithmetic Mean (Stats)
	Chapter-10 Chapter-10	Producer's Equilibrium (Micro) Measures of Central Tendency- Median and Mode. (Stats)
	Chapter-11 Chapter-11	Theory of Supply (Micro) Correlation (Stats)
	Chapter-12 Chapter-12	Forms of Market (Micro) Index Number (Stats)
	Chapter-13	Market equilibrium under Perfect Competition and Effects of shifts in Demand and Supply (Micro)

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**MGM HIGHER SECONDARY SCHOOL BOKARO STEEL CITY**

**CLASS – XI**

**SUBJECT – INFORMATICS PRACTICES (065)**

MONTH	WEEK	UNIT NO.	CHAPTER/TOPIC
JUNE-24	3 <sup>RD</sup>	1	Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices.
	4 <sup>TH</sup>	1	Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns.
	5 <sup>TH</sup>	1	Software: purpose and types – system and application software, generic and specific purpose software.
JULY-24	1 <sup>ST</sup>	2	Introduction to Python : Basics of Python programming, Python interpreter - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators
	2 <sup>ND</sup>	2	Types of operators, Precedence of operators
	3 <sup>RD</sup>	2	Data types, mutable and immutable data types statements, expression evaluation. comments, input and output statements, <b>Periodic Test 1 (15.07.2024 onwards)</b>
	4 <sup>TH</sup>	2	Data type conversion, debugging. Control Statements: if-else, if-elif-else,
	5 <sup>TH</sup>	2	While loop, for loop
AUGUST-24	1 <sup>ST</sup>	2	Lists: list operations - creating, initializing, traversing and manipulating lists, list methods
	2 <sup>ND</sup>	2	<b>Built-in functions</b> – len(), list(), append(), insert(), count(), index(), remove(), pop(), reverse(), sort(), min(),max(),sum()
	3 <sup>RD</sup>	2	Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements,
	4 <sup>TH</sup>	2	<b>Dictionary methods and built-in functions</b> – dict(), len(), keys(), values(), items(), update(), del, clear()
SEPTEMBER-24	1 <sup>st</sup>	2	Dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del, clear()
	2 <sup>ND</sup>	<b>HALF- YEARLY EXAMINATION</b>	
	3 <sup>RD</sup>		
	4 <sup>TH</sup>	3	Unit 3: Database concepts and the Structured Query Language Database Concepts: Introduction to database concepts and its need, Database Management System.

OCTOBER-24	1 <sup>ST</sup>	3	Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key
	2 <sup>ND</sup>	<b>Puja Vacation</b>	
	3 <sup>RD</sup>	3	Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language
	4 <sup>TH</sup>	3	Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE
	5 <sup>TH</sup>	3	Data Query: SELECT, FROM, WHERE with relational operators,

<b>NOVEMBER-24</b>	1 <sup>ST</sup>	<b>Deepawali Vacation</b>	
	2 <sup>ND</sup>	3	Like operator BETWEEN, logical operators,
	3 <sup>RD</sup>		Data Manipulation: INSERT Revision  <b>Periodic Test 2 (25.11.2024 onwards)</b>
	4 <sup>TH</sup>	6	IS NULL, IS NOT NULL
<b>DECEMBER-24</b>	1 <sup>ST</sup>	7	Data Manipulation: DELETE, UPDATE
	2 <sup>ND</sup>	7	Data Definition : DROP, ALTER
	3 <sup>RD</sup>	7	Unit 4: Introduction to the Emerging Trends Artificial Intelligence, Machine Learning ( Revision : Computer Fundamental )
	4 <sup>TH</sup>	<b>Winter Vacation</b>	
<b>JANUARY-25</b>	1 <sup>ST</sup>	7	Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics (Revision : Python Operators and Expression)
	2 <sup>ND</sup>	8	Internet of Things (IoT), Sensors, Smart cities, (Revision : Precedence of operator )
	3 <sup>RD</sup>	8	Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology. ( Revision : While Loop and for loop )
	4 <sup>TH</sup>	8	Revision
	5 <sup>TH</sup>	<b>COMPLETION OF SYLLABUS</b>	

## **PORTION FOR EXAM**

**UNIT – 1 :** Introduction to Computer System 45 120 Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose software.

**UNIT – 2 :** Introduction to Python Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operator, precedence of operators, data types, mutable and immutable data types, statements, expression evaluation. comments, input and output statements,

### **Periodic Test 1(15.07.2024 onwards)**

data type conversion, debugging. Control Statements: if-else, if-elif-else, while loop, for loop Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions – len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum() Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del, clear()

### **HALF-YEARLY EXAM (09.09.2024)**

**UNIT -3:** Database concepts and the Structured Query Language Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, Insert

### **SECOND PERIODIC TEST (25.11.2024)**

**UNIT – 3 :** IS NULL, IS NOT NULL Data Manipulation: DELETE, UPDATE

**UNIT – 4 :** Introduction to the Emerging Trends Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.

### **ANNUAL EXAMINATION (2024-25)**

**Entire Syllabus will be included.**

**UNIT 1-4**

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**M.G.M. HIGHER SECONDARY SCHOOL  
SECTOR-IV/F, BOKARO STEEL CITY  
SYLLABUS OF PAINTING(CODE-049)  
CLASS-XI-(2024-2025)**

<b>MONTH</b>	<b>WEEK</b>	<b>TOPIC</b>
<b>APRIL</b>	<b>1<sup>ST</sup></b>	<b>. PRE HISTORIC ROCK PAINTING-INTRODUCTION</b>
	<b>2<sup>ND</sup></b>	<b>. CHAPTER 1 CONTINUED . UPPER PALAEOLITHIC AGE MESOLITHIC PERIOD</b>
	<b>3<sup>RD</sup></b>	<b>. NEOLITHIC PERIOD</b>
	<b>4<sup>TH</sup></b>	<b>. CHAPTER 2 ARTS OF INDUS VALLEY- INTRODUCTION</b>
<b>MAY</b>	<b>1<sup>ST</sup></b>	<b>. STONE STATUE BRONZE CASTING TERRACOTTA</b>
	<b>2<sup>ND</sup></b>	<b>. SEALS POTTERY BEADS &amp; ORNAMENTS</b>
	<b>3<sup>RD</sup></b>	<b>. DANCING GIRL BULL MALE TORSO PRINTED EARTHEN JAR MOTHER GODDESS</b>
	<b>4<sup>TH</sup></b>	<b>SUMMER HOLIDAY ASSIGNMENT MAKE A PORTFOLIO OF FIVE WORK PAPER-IVORY SHEET SIZE-A2 1.LANDSCAPE (WATER COLOUR) 2. STILL LIFE WITH PENCIL COLOUR 3. PEN N INK 4.POSTER MAKING 5.FOLK ART WITH ACRYLIC COLOUR</b>
<b>JUNE</b>	<b>3<sup>RD</sup></b>	<b>CHAPTER 3 ARTS OF THE MAURYAN PERIOD- INTRODUCTION</b>
	<b>4<sup>TH</sup></b>	<b>. PILLARS,SCULPTURE,ROCK CUT ARCHITECTURES</b>
<b>JULY</b>	<b>1<sup>ST</sup></b>	<b>. CONTINUED</b>
	<b>2<sup>ND</sup></b>	<b>. LION’S CAPITAL SARNATH</b>
	<b>3<sup>RD</sup></b>	<b>. DIDARGUNG YAKSHINI</b>
	<b>4<sup>TH</sup></b>	<b>. CHAPTER 4 POST MAURYAN TRENDS IN INDIAN ART &amp; ARCHITECTURE- INTRODUCTION</b>
<b>AUGUST</b>	<b>1<sup>ST</sup></b>	<b>. SANCHI STUPA MATHURA, SARNATH AND GANDHARA SCHOOL</b>
	<b>2<sup>ND</sup></b>	<b>. BUDDHIST MONUMENTS OF SOUTH INDIA CAVE TRADITION IN WESTERN INDIA</b>
	<b>3<sup>RD</sup></b>	<b>. AJANTA CAVES</b>
	<b>4<sup>TH</sup></b>	<b>. AJANTA CAVES</b>
<b>SEPTEMBER</b>	<b>1<sup>ST</sup></b>	<b>. ELLORA CAVES</b>
	<b>2<sup>ND</sup></b>	<b>. HALF YEARLY EXAM</b>
	<b>3<sup>RD</sup></b>	<b>. HALF YEARLY EXAM</b>
	<b>4<sup>TH</sup></b>	<b>. ELEPHANT CAVES &amp; OTHER SITES CAVE TRADITION IN EASTERN INDIA</b>

<b>OCTOBER</b>	<b>1<sup>ST</sup></b>	<b>. STUPA 1 SANCHI</b>
	<b>2<sup>ND</sup></b>	<b>DUSHERA HOLIDAYS</b>
	<b>3<sup>RD</sup></b>	<b>. SEATED BUDDHA</b>
	<b>4<sup>TH</sup></b>	<b>. PADMAPANI BODDHI SATTVA AJANTA CAVE NO 1</b>
<b>NOVEMBER</b>	<b>1<sup>ST</sup></b>	<b>. CHAPTER 5 LATER MURAL TRADITION VIJAYANAGARA MURALS KERALA MURALS</b>
	<b>2<sup>ND</sup></b>	<b>.CHAPTER 6 TEMPLE ARCHITECTURE AND SCULPTURE</b>
	<b>3<sup>RD</sup></b>	<b>THE DRAVIDA OR SOUTH INDIAN TEMPLE</b>
	<b>4<sup>TH</sup></b>	<b>. BUDDHIST AND JAIN ARCHITECTURAL DEVELOPMENTS</b>
<b>DECEMBER</b>	<b>1<sup>ST</sup></b>	<b>. CHAPTER 7 INDIAN BRONZE SCULPTURE- INTRODUCTION</b>
	<b>2<sup>ND</sup></b>	<b>. THE LOST WAX PROCESS</b>
	<b>3<sup>RD</sup></b>	<b>. NATARAJA</b>
	<b>4<sup>TH</sup></b>	<b>. CHRISTMAS HOLIDAYS</b>
<b>JANUARY</b>	<b>1<sup>ST</sup></b>	<b>. CHAPTER 8 SOME ASPECTS OF INDO ISLAMIC ARCHITECTURE- INTRODUCTION</b>
	<b>2<sup>ND</sup></b>	<b>. FORTS ,MINARS , TOMBS, SARAIS</b>
	<b>3<sup>RD</sup></b>	<b>. TAJ MAHAL JAMA MASJID</b>
	<b>4<sup>TH</sup></b>	<b>. REVISION</b>
<b>FEBRUARY</b>	<b>1<sup>ST</sup></b>	<b>REVISION</b>

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# MGM HIGHER SECONDARY SCHOOL, B S CITY

## YEAR PLAN WITH MONTHLY PLAN 2024-25

### CLASS – XI

### SUB : - PHYSICS

Month	Week	UNIT No.	Chapter/Topic name
June	3rd	I	Chapter – 2 : Units and Measurements Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units, significant figures, dimension of physical quantities, dimensional analysis and its application
	4th & 5th	II	<b>Kinematics</b> Chapter-3: Motion in a straight Line Frame of reference, Motion in a straight line. Elementary concepts of differentiation and integration for describing motion, uniform and non uniform motion, average speed and instantaneous velocity, uniformly accelerated motion, velocity-time and Position-time graphs. Relations for uniformly accelerated motion (graphical treatment).
July	1 <sup>st</sup>	III	Chapter-4 Motion in a plane Scalar and vector quantities; position and displacement vectors, general vectors and their notations; equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors, relative velocity, Unit vector; resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors.
	2 <sup>nd</sup>		Motion in a plane, cases of uniform velocity and uniform acceleration-projectile motion, uniform circular motion. Experiment: A1
	3 <sup>rd</sup>		Laws of Motion Chapter-5: Laws of Motion Concept of force, Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion. Law of conservation of linear momentum and its applications. Activities: A1 and A4 Equilibrium of concurrent forces. Experiment: A2
	4 <sup>th</sup>		Static and kinetic friction, Angle of friction, angle of repose, laws of friction, rolling friction, lubrication.
	5th		Dynamics of uniform circular motion: Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on a banked road).

August	1 <sup>st</sup>	IV	Chapter-6: Work, Energy and Power Work done by a constant force and a variable force; kinetic energy, work-energy theorem, power. Motion of potential energy, potential energy of a spring, conservative forces: conservation of mechanical energy (kinetic and potential energies); non-conservative force.
	2 <sup>nd</sup>		motion in a vertical circle; elastic and inelastic collisions in one and two dimensions. Experiment: A2
	3 <sup>rd</sup>	V	Chapter-7: System of Particles and Rotational Motion Centre of mass of a two-particle system, momentum conservation and center of mass motion. Centre of mass of a rigid body; centre of mass of a uniform rod. Experiment: A3
	4 <sup>th</sup>		Moment of force, torque, angular momentum, law of conservation of angular momentum and its applications.
	5 <sup>th</sup>		Moment of Inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation). Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions. Experiment : A7
September	1 <sup>st</sup>	VI	Chapter-8: Gravitation Kepler's laws of planetary motion, universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth.
	2 <sup>nd</sup>	VI	Gravitational potential energy and gravitational potential, escape velocity, orbital velocity of a satellite
	3 <sup>rd</sup>		<b>Revision for H.Y. Exam.</b> <b>Half year Examination</b>
	4 <sup>th</sup>	VII	Chapter-9( Mechanical Properties of solids): Elastic behavior, Stress-strain relationship, Hooke's law, young's modulus, bulk modulus, shear modulus of rigidity, Poisson's ratio; elastic energy

October	1 <sup>st</sup> & 2nd	VII	Chapter-10(Mechanical property of fluids) :Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure,Viscosity,stokes law, terminal velocity,critical velocity,streamline and turbulent flow, bernoulli's theorem and its simple application. Experiment: A9
	2nd & 3rd		Surface energy and surface tension, angle of contact, excess of pressure inside liquid drop and soap bubble, application of surface tension,capillary rise.
November	1 <sup>st</sup>	VII	Chapter 11(Thermal Property of matter)-: Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water; specific heat capacity; Cp, Cv- calorimetry; change of state-latent heat capacity.  Second law of thermodynamics(Kelvin's - planck statement , clausius statement) : heat pump, reversible and irreversible process, Heat engine and refrigerator.
	2 <sup>nd</sup>		Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of Blackbody radiation, Wein's displacement Law, Stefan's law. Experiment :B2
	3 <sup>rd</sup>	VIII	Chapter 12(Thermodynamics) -: Thermal equilibrium and definition of temperature (zeroth law and 1st law of thermodynamics), isothermal and adiabatic processes,cyclic process.  Second law of thermodynamics (Kelvin's planck statement , clausius statement , reversible and irreversible process )
	4 <sup>th</sup>		<b>Behavior of perfect gas and kinetic theory of gases</b> Chapter 13(Kinetic Theory) -: Equation of state of a perfect gas, work done in compressing a gas. Kinetic theory of gases – assumptions, Concepts of pressure, Kinetic interpretation of temperature; rms speed of gas molecules  Degrees of freedom, law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number. Experiment: B7
	5th	IX	

<b>December</b>	1 <sup>st</sup>	X	<b>Oscillations and Waves</b> Chapter 14(Oscillations) -: Periodic motion-time period, frequency, displacement as a function of time, periodic functions and their applications. Simple harmonic motion (S.H.M) and its equation,equation for velocity and acceleration; phase; oscillations of a loaded spring-restoring force and force constant
	2 <sup>nd</sup>		Energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period.
	3rd		Chapter 15 (Wave motion) : Transverse and longitudinal waves ,speed of traveling wave.
	4th		
<b>January</b>	1st & 2nd		displacement relation for a progressive wave, principle of superposition of waves, reflection of waves,equation of standing wave, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats. Activity :B1,B5
	3rd & 4th		Revision for Annual Exam

**M.G.M HIGHER SECONDARY SCHOOL, B.S. CITY**  
**SYLLABUS OF CLASS - XI (2024-2025)**  
**SUBJECT : PSYCHOLOGY (037)**

MONTH	WEEK	CHAPTER NAME AND TOPICS
June	4 24th - 28th	<b>Chapter 1: What is Psychology ?</b>  1. Introduction 2. What is Psychology? – Psychology as a Discipline – Psychology as a Natural Science -- Psychology as a Social Science.
July	1 1st- 5th	3. Understanding Mind and Behaviour 4. Popular Notions about the Discipline of Psychology 5. Evolution of Psychology – Some Interesting Landmarks in the Evolution of Modern Psychology
July	2 8th- 12th	6. Development of Psychology in India 7. Branches of Psychology 8. Psychology and Other Disciplines 9. Psychology in Everyday Life
July	3 15th - 20th	<b>1st Periodic Test (Chapter 1)</b>  <b>Chapter 2: Methods of Enquiry in Psychology</b>  1. Introduction 2. Goals of Psychological Enquiry – Steps in Conducting Scientific Research – Alternative Paradigms of Research
July	4 22nd - 26th	3. Nature of Psychological Data 4. Some Important Methods in Psychology – Observational Method – Example of an Experiment
July	5 29th - 31st	– Experimental Method  – Correlational Research
August	1 1st - 2nd	– Survey Research – Example of Survey Method
August	2 5h - 9th	– Psychological Testing – Case Study 5. Analysis of Data – Quantitative Method – Qualitative Method 6. Limitations of Psychological Enquiry 7. Ethical Issues
August	3 12th - 16th	<b>Chapter 4: Human Development</b>  1. Introduction 2. Meaning of Development – Life-Span Perspective on Development

		– Growth , Development, Maturation and Evolution 3. Factors Influencing Development 4. Context of Development
August	4 18th - 20th	5. Overview of Developmental Stages – Prenatal Stage 6. Infancy
August	5 27th - 30th	7. Childhood – Gender and Sex Roles 8. Challenges of Adolescence 9. Adulthood and Old Age
September	2 2nd - 6th	<b>Revision</b> <b>Chapter - 1,2 and 4</b>
September	3 & 4 9th - 20th	<b>Half -Yearly Examination</b> <b>Portion - Chapter- 1,2 and 4</b>
September	5 23rd - 30th	<b>Chapter 5: Sensory, Attentional and Perceptual Processes</b> 1. Introduction 2. Knowing the World 3. Nature and Varieties of Stimulus 4. Attentional Processes
October	1 1st- 4th	– Selective Attention – Divided Attention – Sustained Attention – Span of Attention – Attention Deficit Hyperactivity Disorder ( ADHD)
October	2 7th - 8th	5. Perceptual Processes – Processing Approaches in Perception
October	3 14th - 18th	6. The Perceiver 7. Principles of Perceptual Organization 8. Perception of Space, Depth and Distance – Monocular Cues and Binocular Cues 9. Perceptual Constancies 10. Illusions 11. Socio-Cultural Influences on Perception
October	4 21st- 25th	<b>Chapter 6: Learning</b> 1. Introduction 2. Nature of Learning 3. Paradigms of learning 4. Classical Conditioning – Determinants of Classical Conditioning
October	5 28th- 31st	5. Operant/Instrumental Conditioning – Determinants of Operant Conditioning – Classical and Operant Conditioning : Differences – Key learning processes
November	3 11th -14th	– Learned Helplessness 6. Observational Learning 7. Cognitive learning 8. Verbal learning 9. Skill Learning
November	4 & 5 18th - 30th	10. Factors Facilitating Learning 11. Learning Disabilities



		<b>2nd Periodic Test (Chapter 5 &amp; 6)</b>  <b>Chapter 7: Human Memory</b>  1.Introduction 2. Nature of Memory
December	2 2nd- 6th	3. Information Processing Approach : The Stage Model  4. Memory Systems : Sensory ,Short - Term and Long - Term Memories – Working Memory 5. Levels of Processing
December	3 9th - 13th	6. Types of Long-term Memory – Declarative and Procedural; Episodic and Semantic – Long -term Memory Classification – Methods of Memory Measurement 7.Nature and Causes of Forgetting , – Forgetting due to Trace Decay, Interference and Retrieval Failure
December	4 16th - 20th & 23rd	– Repressed Memories 8. Enhancing Memory –Mnemonics using Images and Organization  <b>Chapter 8: Thinking</b>  1.Introduction 2.Nature of Thinking – Building Blocks of Thought
January	1 2nd - 3rd	– Culture and Thinking 3. The Processes of Thinking 4. Problem Solving
January	2 6th - 10th	5. Reasoning 6.Decision-making 7. Nature and Process of Creative Thinking – Nature of Creative Thinking – Lateral Thinking – Process of Creative Thinking
January	3 13th - 17th	8. Developing Creative Thinking – Barriers to Creative Thinking 9.Thought and Language 10. Development of Language and Language Use – Bilingualism and Multilingualism <b>Chapter 9: Motivation and Emotion</b>  1.Introduction 2. Nature of Motivation
January	4 20th - 24th	3. Types of Motives –Psychosocial Motive  4. Nature of Emotions 5. Physiological Bases of Emotions –Physiology of Emotion

		– Lie Detection
January	5 27th-31st	6. Cognitive Bases of Emotions 7. Cultural Bases of Emotions 8. Managing Negative Emotions – Post - Traumatic Stress Disorder  – Management of Examination Anxiety  9. Enhancing Positive Emotions – Emotional Intelligence
February	2 3rd - 7th	<b>Revision</b> <b>Chapter- 1,2,4,5,6,7,8 and 9</b>
February	3	<b>Annual Examination</b> <b>Entire Portion</b>

### **PORTION FOR EXAMINATION**

#### **1st PREODIC TEST**

Chapter 1: **What is Psychology ?**

#### **HALF YEARLY EXAMINATION**

Chapter 1: **What is Psychology ?**

Chapter 2: **Methods of Enquiry in Psychology**

Chapter 4: **Human Development**

#### **2nd PREODIC TEST**

Chapter 5: **Sensory, Attentional and Perceptual Processes**

Chapter 6: **Learning**

#### **Annual Examination**

**Chapter 1,2,4,5,6,7,8,9**

Entire Portion of the syllabus

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**M.G.M HIGHER SECONDARY SCHOOL, B.S. CITY**  
**SYLLABUS OF CLASS - XI (2024-2025)**  
**SUBJECT : RETAIL**

MONTH 2024-25	WEEK	UNIT NO.	CHAPTER / TOPIC
MARCH-2024-25	3 <sup>RD</sup>	1 <sup>st</sup> Unit- DISPLAY OF PRODUCTS AND SATISFY CUSTOMER NEEDS	<b>SESSION1: DISPLAY OF PRODUCTS AND SATISFY CUSTOMER NEEDS</b> Creating attractive Display: Idea about store, Display Tool Box-Element of effective visual Merchandising- Supermarket Display Techniques- Retail Luxury Products Display Methods
	4 <sup>TH</sup>	1 <sup>st</sup> Unit	<b>SESSION 1: DISPLAY OF PRODUCTS AND SATISFY CUSTOMER NEEDS(Contd.)</b> Effective Merchandising- Managing spaces- Display Suggestion- Basic Merchandising Rules- Sample sales floor plan-Promotional activities-
	5 <sup>TH</sup>	1 <sup>st</sup> Unit	<b>SESSION 1: DISPLAY OF PRODUCTS AND SATISFY CUSTOMER NEEDS(Contd</b> Display of Promotion- Preparing a Store for a Sale: Preparing Self for sell-Establishing Customer needs- Principle of Retail Shoppability
APRIL-2024-25	1 <sup>ST</sup>	1 <sup>st</sup> Unit	<b>SESSION 2: SALE AND DELIVERY OF PRODUCTS</b> Customizing the Process of Sale of Product- Point of Sale Procedure-Strategies of Delivery of Product- Customer centric Strategies- Factors to be considered-Retail market Complexities- Focusing on Key Areas of Customer Centric Retailing- Steps Involved- Elements of a direct Delivery Business
	2 <sup>ND</sup>	1 <sup>st</sup> Unit	<b>SESSION 3: MAINTENANCE OF STORE AREAS AND COMMUNICATE EFFECTIVELY WITH STAKEHOLDERS</b> Maintenance and Cleaning of Store area- Objectives-Developing maintenance and assets Management Strategies- Communicating effectively with Stakeholders- Communication Strategies
	3 <sup>RD</sup>	1 <sup>st</sup> Unit	<b>SESSION 4: DUTIES &amp; RESPONSIBILITIES OF SALES SUPERVISOR</b> Characteristics of a Sale Supervisor-Duties of A Sale Supervisor- Responsibilities of a Sale Supervisor- Classification of Supervisor
	4 <sup>TH</sup>	1 <sup>st</sup> Unit	<b>SESSION 4: DUTIES &amp; RESPONSIBILITIES OF SALES SUPERVISOR (Contd.)</b> Functions ( Managerial, Administrative & Miscellaneous) and Responsibilities of a Sales Manager, Leadership attributes and Skill in retail Industry- Leadership Attributes Table

<b>MAY-2024-25</b>	1 <sup>ST</sup>	<b>Unit 2- NON- STORE RETAILING</b>	<b>SESSION 1: E-Retailing Logistics</b> Concept of E-Retailing- Payment Mechanism, Product delivery methods- Advantages, Shortcomings of E-Retailing, Various E- retailing resources, Significance and role of ICT in E-Retailing- Factors contributing to success of E-Retailing- Safety requirement in E-Retailing
	2 <sup>ND</sup>	<b>Unit-2</b>	<b>SESSION 1: E-Retailing Logistics( Contd.)</b> Significance and role of ICT in E- Retailing- Factors contributing to success of E-Retailing- Safety requirement in E-Retailing
	3 <sup>RD</sup>	<b>Unit-2</b>	<b>SESSION 2: E-MARKETING</b> Attributes – Dimension of E- Marketing- E-Mail marketing Classification- Advantage & Disadvantages– E-mail Marketing- 7Cs of E-Marketing- Traditional Marketing Vs E-Marketing
	4 <sup>TH</sup>		<b>SUMMER VACATION</b>
	5 <sup>TH</sup>		<b>SUMMER VACATION</b>
<b>JUNE-2024-25</b>	1 <sup>ST</sup>		<b>SUMMER VACATION</b>
	2 <sup>ND</sup>		<b>SUMMER VACATION</b>
	3 <sup>RD</sup>		<b>SUMMER VACATION</b>
	4 <sup>TH</sup>	<b>Unit-2</b>	<b>SESSION 3: TELEMARKETING</b> Meaning – Importance- Call Centres- Advantages & Disadvantages of Telemarketing- Scope of Telemarketing- Essentials of Successful Telemarketing
	5 <sup>TH</sup>	<b>Unit-2</b>	<b>SESSION 4: INTERNET BUSINESS</b> Meaning- Internet Business Subsets-Internet Business Model- Classifications- Issues of Internet Business-Common Security Measures & Security Solutions
<b>JULY-2024-25</b>	1 <sup>ST</sup>	<b>Unit 3- RETAIL POINT-OF-SALE: AN OVERVIEW</b>	<b>SESSION 1: UNDERSTANDING COMPONENTS OF POINT-OF-SALES</b> Components of Point-of- Sale <b>SESSION 2: UNDERSTANDING THE PROCESS OF POINT-OF-SALE</b> Process involved in Transacting at check-out-point <b>SESSION 3: LEARNING POINT OF SALE MARKETING</b> Types of Point-Of –Sale Marketing & Importance of POS

	2 <sup>ND</sup>	<b>Employability Skills</b>	<b>SESSION 1:</b> Communication Skill- Listening Skill-Factors affecting active Listening Skill- Stages of Listening( Communication)- Barriers of Effective Listening <b>SESSION 2:</b> Parts of Speech- Sentence- Phrase; Rules of Capitalisation & Punctuation- Supportive Parts of Speech-Articles, Conjunctions, Preposition, Interjections <b>SESSION 3:</b> Sentence Construction, Types of Sentences (Voice)
			<b>FIRST PERIODIC TEST 2024-25</b>
	3 <sup>RD</sup>	<b>Self Management Skills</b>	<b>SESSION 1:</b> Management Skills , Motivation& Attitude- ways to maintain positive outlook- Stress Management <b>SESSION 2:</b> Result OrientationSkill – Meaning, Becoming Result Oriented- Goal setting <b>SESSION 3:</b> Self Awareness- Meaning-Self awareness& Personality – Personality Disorder
	4 <sup>TH</sup>	<b>ICT Skills</b>	<b>SESSION 3:</b> Working with Data and Formatting Text-using Spreadsheet- Mathematical Operation using formulas
	5 <sup>TH</sup>	<b>ICT Skills</b>	<b>SESSION 4:</b> Advanced features of Spreadsheet Sorting –Filtering Data, Protecting Spreadsheet with Password <b>SESSION 5:</b> Presentation Software: Libre Office, MS Office, Open Office Impress, Google Slides, Apple Keynote
<b>AUGUST-2024-25</b>	1 <sup>ST</sup>	<b>Unit 4 - BILLING AND ACCOUNTING PROCEDURES IN RETAILING</b>	<b>SESSION 1: Billing Procedures</b> Types of Billing and Accounting Heads - Features of Retail billing- Understanding basic accounting terminologies related with Billing & Accounting Procedures. Modes of Payment- Precaution to be taken while handling the modes of Payments - Understanding uses of Various Equipments used in Payment Process-Web Reporting- Telecom Billing
	2 <sup>ND</sup>	<b>Unit 4</b>	<b>SESSION 2:Fundamentals of Accounting</b> Meaning, Objective, Characteristics, Function of accounting-Book keeping- Classification of account and Rule of entry of transaction in accounts
	3 <sup>RD</sup>	<b>Unit 4</b>	<b>SESSION 2:Fundamentals of Accounting( Contd.)</b> Types of accounting- System/Bases of accounting-Accounting Information – User of accounting Information– Accounting Principles: Concepts & Convention – Advantages & Limitation of Accounting

	4 <sup>TH</sup>	Unit 4	<b>SESSION 3: Journal, Ledger and Subsidiary Books</b> Meaning of Journal- Features- Proforma- Recording Transaction in Journal Ledger-Meaning, Necessity- preparation
	5 <sup>TH</sup>	Unit 4	<b>SESSION 3:Journal, Ledger and Subsidiary Books( Contd.)</b> Subdivision of Journal- Subsidiary Book- Need- Types- Proforma of various Subsidiary books- Debit Note& Credit Note- Cash book- Types- Deposit Account
SEPTEMBER-2024-25	1 <sup>ST</sup>	Unit 4	<b>SESSION 3:Journal, Ledger and Subsidiary Books( Contd.)</b> Trial Balance- Bank reconciliation Statement- Need- Advantage &Preparation
	2 <sup>ND</sup>		<b>HALF YEARLY EXAMINATION</b>
	3 <sup>RD</sup>		<b>HALF YEARLY EXAMINATION</b>
	4 <sup>TH</sup>	Unit-4	<b>SESSION 4: Trading , Profit &amp; Loss Account and Balance Sheet</b> Debit Balance and Credit Balance of Account in Trial Balance-Cost of Goods sold – Preparation of Trading and Profit & Loss Account- Items of Trading & Profit and Loss Account
OCTOBER-2024-25	1 <sup>ST</sup>	Unit 4	<b>SESSION 4: Trading , Profit &amp; Loss Account and Balance Sheet (Contd.)</b> Preparation of Trading and Profit & Loss Account- Balance Sheet
	2 <sup>ND</sup>		<b>DUSHERA HOLIDAY</b>
	3 <sup>RD</sup>	Unit 5 - INVENTORY HANDLING	<b>SESSION 1: Understanding the basics of Inventory Handling</b> Need of maintaining Inventory- Inventory Control Method-Special terms in Inventory Management <b>SESSION 2/ 3:Understanding the Process of Inventory Handling- I &amp; II</b> Steps involved in Inventory Handling
	4 <sup>TH</sup>	Entrepreneurship Skill	<b>SESSION 1:</b> Meaning of Entrepreneur & Entrepreneurship- Characteristics- Qualities of a Successful Entrepreneur- Types of Entrepreneur- Role & functions of an Entrepreneur
NOVEMBER-2024-25	1 <sup>ST</sup>	Entrepreneurship Skill	<b>SESSION 2:</b> Barriers to Entrepreneurship-Types and effect <b>SESSION 3:</b> Entrepreneurial Attitude
	2 <sup>ND</sup>	Entrepreneurship Skill	<b>SESSION 4:</b> Entrepreneurial Competencies
			<b>DIPAWALI</b>
	3 <sup>RD</sup>	Entrepreneurship Skill	<b>SESSION 1(Contd.):</b> Factors/ Qualities that motivates an Entrepreneur- Risk Evaluation- Start Ups
	4 <sup>TH</sup>	Green skill	<b>SESSION 1:</b> Meaning of Green Jobs- Benefits of Green Job- Areas of Green Job

	5 <sup>TH</sup>	<b>Green skill</b>	<b>SESSION 2:</b> Importance of Green Job Minimising waste and Pollution- Protecting & Restoring Ecosystem- Adapting to the effects of Climate Change
<b>DECEMBER- 2024-25</b>	<b>SYLLABUS COMPLETION</b>		

**PORTION FOR PERIODIC TEST**

<b>1<sup>st</sup> Periodic Test</b>	<b>1<sup>st</sup> Unit- DISPLAY OF PRODUCTS AND SATISFY CUSTOMER NEEDS 2<sup>nd</sup> Unit- Non-Store Retailing &amp; Employment Skill</b>
<b>2<sup>nd</sup> Periodic Test</b>	<b>Unit 3- RETAIL POINT-OF-SALE</b>
	<b>Unit-4 : BILLING AND ACCOUNTING PROCEDURES IN RETAILING ICT Skill Entrepreneurship skill</b>

**CLASS–XII(SESSION2024-2025)**

**TotalMarks:100(Theory-60 +Practical-40)**

**RETAIL XI (SUBJECT CODE 801)**

Total Marks: 30

Periodic Test 1(2024-2025)

	<b>UNITS</b>	<b>MAX. MARKS for Theory and Practical</b>
	<b>Employability Skills</b>	
	Unit 1 : Communication Skills-III	10
	<b>Total</b>	<b>10</b>
	<b>Subject Specific Skills</b>	
	Unit 1: Fundamentals of Retailing	20
	<b>Total</b>	<b>30</b>

**RETAIL XI (SUBJECT CODE 801)**

Total Marks: 100 (Theory-60 + Practical-40)

**Half Yearly (2024-2025)**

	UNITS	MAX. MARKS for Theory and Practical
	<b>Employability Skills</b>	
	Unit 1 : Communication Skills-III	5
	Unit 2 : Self-Management Skills-III	5
	<b>Total</b>	<b>10</b>
	<b>Subject Specific Skills</b>	
	Unit 1: Fundamentals of Retailing	15
	Unit 2: Process of Credit Application	15
	Unit 3: Mechanism for Customers to Choose Right Products	20
	<b>Total</b>	<b>50</b>
<b>Part C</b>	<b>Practical Work</b>	
	Project	10
	Viva	05
	Practical File	15
	Demonstration of skill competency via Lab Activities	10
	<b>Total</b>	<b>40</b>
	<b>GRAND TOTAL</b>	<b>100</b>

**RETAIL XI (SUBJECT CODE 801)**

Total Marks: 30

**Periodic 2 (2024-2025)**

	UNITS	MAX. MARKS for Theory and Practical
	<b>Employability Skills</b>	
	Unit 3 : ICT Skills-III	5
	Unit 4 : Entrepreneurial Skills-III	5
	<b>Total</b>	<b>10</b>
	<b>Subject Specific Skills</b>	
	Unit 3: Mechanism for Customers to Choose Right Products	10
	Unit 4: Specialist Support to Customers	10
	<b>Total</b>	<b>20</b>



**RETAIL XI (SUBJECT CODE 801)**

Total Marks: 100 (Theory-60 + Practical-40)

Annual Exam (2024-2025)

	UNITS	MAX. MARKS for Theory and Practical
Part A	<b>Employability Skills</b>	
	Unit 1 : Communication Skills-III	2
	Unit 2 : Self-Management Skills-III	2
	Unit 3 : ICT Skills-III	2
	Unit 4 : Entrepreneurial Skills-III	2
	Unit 5 : Green Skills-III	2
	<b>Total</b>	<b>10</b>
Part B	<b>Subject Specific Skills</b>	
	Unit 1: Fundamentals of Retailing	7
	Unit 2: Process of Credit Application	7
	Unit 3: Mechanism for Customers to Choose Right Products	11
	Unit 4: Specialist Support to Customers	13
	Unit 5: Health and Safety Management	12
	<b>Total</b>	<b>50</b>
Part C	<b>Practical Work</b>	
	Project	10
	Viva	05
	Practical File	15
	Demonstration of skill competency via Lab Activities	10
	<b>Total</b>	<b>40</b>
	<b>GRAND TOTAL</b>	<b>100</b>



**M.G.M. HIGHER SECONDARY SCHOOL, B.S.CITY**  
**SYLLABUS BREAK-UP YEAR 2024-2025**  
**CLASS – XI**  
**SUBJECT – SOCIOLOGY**

YEAR/ MONTH	WEEK	CHAPTER NO.	UNITS/TOPICS
2024 JUNE	4 <sup>th</sup>	<b>Chapter-1</b> Sociology, Society and its Relationship with other Social Sciences	<b>Unit 1:</b> Sociology, Society and its Relationship with other Social Sciences <ul style="list-style-type: none"> <li>• Introducing Society: Individuals and collectivities.</li> </ul>
	5 <sup>th</sup>		<ul style="list-style-type: none"> <li>• Pluralities and Inequalities among societies.</li> <li>• Introducing Sociology: Emergence. Nature and Scope.</li> <li>• Relationship with other Social Science disciplines</li> </ul>
2024 JULY	1 <sup>st</sup>	<b>Chapter–2</b> Terms, Concepts and their use in Sociology	<b>Unit 2:</b> Terms, Concepts and their use in Sociology <ul style="list-style-type: none"> <li>• Social Groups and Society</li> <li>• Social Stratification</li> </ul>
	2 <sup>nd</sup>		<ul style="list-style-type: none"> <li>• Status and Role</li> <li>• Society &amp; Social Control</li> </ul>
	3 <sup>rd</sup>	<b>Chapter – 3</b> Understanding Social Institutions	<b>Unit 3:</b> Understanding Social Institutions <ul style="list-style-type: none"> <li>• Family, Marriage and Kinship</li> </ul>
	4 <sup>th</sup>		<b>PERIODIC TEST-1</b>
	5 <sup>th</sup>		<ul style="list-style-type: none"> <li>• Work &amp; Economic Life</li> <li>• Political Institutions</li> </ul>
2024 AUGUST	1 <sup>st</sup>	<b>Chapter – 3</b> Understanding Social Institutions	<ul style="list-style-type: none"> <li>• Religion as a Social Institution</li> <li>• Education as a Social Institution</li> </ul>
	2 <sup>nd</sup>	<b>Chapter – 3</b> Understanding Social Institutions	<ul style="list-style-type: none"> <li>• Education as a Social Institution (conti...)</li> </ul>
	3 <sup>rd</sup>	<b>Chapter – 4</b> Culture and Socialization	<b>Unit 4:</b> Culture and Socialization <ul style="list-style-type: none"> <li>• Defining Culture</li> <li>• Dimensions of Culture</li> </ul>
	4 <sup>th</sup>	<b>Chapter – 4</b> Culture & Socialization	<ul style="list-style-type: none"> <li>• Socialization</li> <li>• Agencies of Socialisation &amp; Sociology</li> </ul>
	5 <sup>th</sup>	<b>Chapter – 4</b> Culture & Socialization	<ul style="list-style-type: none"> <li>• Agencies of Socialisation &amp; Sociology (conti...)</li> </ul>
2024 SEPTEMBER	1 <sup>st</sup>	Revision	Revision for Half Yearly Exam
	2 <sup>nd</sup>	EXAM	Revision for Half Yearly Exam
	3 <sup>rd</sup>	EXAM	<b>Half Yearly Examination</b>
	4 <sup>th</sup>	<b>Chapter – 7</b> Social Change and Social Order in Rural and Urban Society	<b>Unit 7:</b> Social Change and Social Order in Rural and Urban Society <ul style="list-style-type: none"> <li>• Social Change: Types, Causes and Consequences</li> <li>• Social Order: Domination, Authority and Law; Contestation, Crime and Violence</li> </ul>
	5 <sup>th</sup>	<b>Chapter – 7</b> Social Change and Social Order in Rural and Urban Society	<ul style="list-style-type: none"> <li>• Social Order: Domination, Authority and Law; Contestation, Crime and Violence (conti...)</li> </ul>
2024 OCTOBER	1 <sup>st</sup>	<b>Chapter – 7</b> Social Change and	<ul style="list-style-type: none"> <li>• Concepts: Village, Town and City</li> </ul>

		Social Order in Rural and Urban Society	<ul style="list-style-type: none"> <li>• Social Order and Social Change in Rural and Urban Areas</li> </ul>
	2 <sup>nd</sup>	<b>Chapter–9</b> Introducing Western Sociologists	<b>Unit 9:</b> Introducing Western Sociologists <ul style="list-style-type: none"> <li>• The Context of Sociology</li> </ul>
	3 <sup>rd</sup>	<b>Chapter–9</b> Introducing Western Sociologists	<ul style="list-style-type: none"> <li>• Karl Marx on Class Conflict</li> <li>• Emile Durkheim : Division of Labour in society</li> </ul>
	4 <sup>th</sup>	<b>Chapter–9</b> Introducing Western Sociologists	<ul style="list-style-type: none"> <li>• Max Weber: Interpretive Sociology</li> <li>• Ideal Type &amp; Bureaucracy</li> </ul>
	5 <sup>th</sup>	<b>Chapter – 10</b> Indian Sociologists	<b>Unit 10:</b> Indian Sociologists <ul style="list-style-type: none"> <li>• G.S. Ghurye on Caste and Race</li> </ul>
2024 NOVEMBER	2 <sup>nd</sup>	<b>Chapter – 10</b> Indian Sociologists	<ul style="list-style-type: none"> <li>• D.P. Mukherjee on Tradition and Change</li> <li>• A.R. Desai on the State</li> </ul>
	3 <sup>rd</sup>	<b>Chapter – 10</b> Indian Sociologists	<ul style="list-style-type: none"> <li>• M.N. Srinivas on the Village</li> </ul>
	4 <sup>th</sup>	Revision	<b>Revision for periodic test-2</b>
	5 <sup>th</sup>	Revision	<b>PERIODIC TEST 2</b>
2024 DECEMBER	1 <sup>st</sup> to 4 <sup>th</sup>	Revision	<b>Chapter wise revision</b>
2025 JANUARY	1 <sup>st</sup> to 5 <sup>th</sup>	Revision	<b>Chapter wise revision</b>
2025 FEBRUARY	3 <sup>rd</sup>	<b>Exam</b>	<b>ANNUAL EXAMINATION</b>

**NOTE:** Chapter- 5, 6, and 8 (not for evaluation), deleted by CBSE in 2024-25.