

Syllabus break up for Examinations

Accountacy (055) for Class 12

Session : 2024–25

First Periodic Test

CBSE UNITS	TOPICS
2	Accounting for Share Capital
4	Cash Flow Statements

Half Yearly Examination

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

Second Periodic Test

1	Accounting for Partnership (Death & Dissolution only)
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First Pre Board

2	Accounting for Share Capital
4	Cash Flow Statements
1	Accounting for Partnership

Second Pre Board

	Full CBSE Syllabus
	FOR CBSE BOARD EXAMINATION
	Full CBSE Syllabus

MGM HIGHER SECONDARY SCHOOL, BOKARO STEEL CITY
SYLLABUS BREAKUP
SESSION-2024-25
CLASS – XII
SUBJECT – Applied Mathematics (241)

<i>Month</i>	<i>Week</i>	<i>Unit no.</i>	<i>Chapter/topic</i>
MARCH-24	3 rd	1	Number, Quantification and Numerical Application <ul style="list-style-type: none"> Modulo Arithmetic Allegation and mixture
	4 th	1	<ul style="list-style-type: none"> Boats and Streams Pipes and Cistern Races and games
	5 TH	1	<ul style="list-style-type: none"> Races and games Numerical inequalities
APRIL-24	1 st	2	Algebra <ul style="list-style-type: none"> Matrices Operation of matrices
	2 nd	2	<ul style="list-style-type: none"> Determinant
	3 rd	2	<ul style="list-style-type: none"> Inverse of a matrix Solving system of simultaneous linear equations
	4 th	3	Calculus <ul style="list-style-type: none"> Differentiation and its application
MAY-24	1 ST	3	<ul style="list-style-type: none"> Application of derivative (Rate of change, Tangent & Normal)
	2 ND	3	<ul style="list-style-type: none"> Marginal cost & Marginal revenue using derivative increasing/decreasing of function
	3 rd	3	<ul style="list-style-type: none"> Maxima & Minima
JUNE-24	4 TH	3	Integration and its Application <ul style="list-style-type: none"> Indefinite integration
	5 TH	3	<ul style="list-style-type: none"> Indefinite integration Definite integral as area under the curve
JULY-24	1 ST	3	<ul style="list-style-type: none"> Differential equations
	2 ND	3	<ul style="list-style-type: none"> Application of Differential equations
	3 RD	4	First Periodic Test
			<ul style="list-style-type: none"> Probability Distribution Mathematical Expectation Variance
			<ul style="list-style-type: none"> Binomial Distribution
	4 TH	4	<ul style="list-style-type: none"> Poisson Distribution
AUGUST-24	1 ST	4	<ul style="list-style-type: none"> Normal Distribution
	2 ND	5	Inferential Statistics <ul style="list-style-type: none"> Population & Sample Parameter and Statistic and Statistical inference

	3 RD	5	<ul style="list-style-type: none"> t test (one sample t-test and two independent t-test)
	4 TH	6	Time Based Data <ul style="list-style-type: none"> Time series Component of Time Series Time Series Analysis for univariant data secular trend
	5 TH	6	<ul style="list-style-type: none"> Method of measuring trend
SEPTEMBER-24	1 ST	Revision for Half-yearly examination	
	2 ND	Half – Yearly Examination	
	3 RD		
	4 TH	7	Financial Mathematics <ul style="list-style-type: none"> Perpetuity Sinking fund
OCTOBER-24	1 ST	7	<ul style="list-style-type: none"> Calculation of EMI
	2 ND	7	<ul style="list-style-type: none"> Calculation of return Nominal rate of return
	3 RD	7	<ul style="list-style-type: none"> Compound annual growth rate
	4 TH	7	<ul style="list-style-type: none"> Linear method of depreciation
NOVEMBER-24	2 ND	8	Linear Programming <ul style="list-style-type: none"> Mathematical Formulation of Linear Programming problem
	3 RD	8	<ul style="list-style-type: none"> Graphical method of solving L.P.P in two variables
	4 TH	Revision for Pre-Board Examination	
	5 TH	Syllabus Completion Revision for Pre-Board Examination	

PORTION OF EXAM WITH MARKS WEIGHTAGE

FIRST PERIODIC TEST FROM 15.07.2024	
UNIT	CHAPTER/TOPIC
1	Number Quantification & Numerical Application <ul style="list-style-type: none"> Modulo Arithmetic Allegation and mixture Boats and Streams Pipes and Cistern Races and games Numerical inequalities
2	Algebra <ul style="list-style-type: none"> Matrices Operation of matrices Determinant Inverse of a matrix Solving system of simultaneous linear equations using matrix method, cramer's rule
3	Calculus <ul style="list-style-type: none"> Indefinite integration
HALF-YEARLY EXAMINATION	
1	Number Quantification & Numerical Application <ul style="list-style-type: none"> Modulo Arithmetic Allegation and mixture

	<ul style="list-style-type: none"> Boats and Streams Pipes and Cistern Races and games Numerical inequalities
2	Algebra <ul style="list-style-type: none"> Matrices Operation of matrices Determinant Inverse of a matrix Solving system of simultaneous linear equations using matrix method, cramer's rule
3	Calculus <ul style="list-style-type: none"> Indefinite integration as family of curves Definite integral as area under the curve Application of Differential equations Differential equations
4	Probability Distributions <ul style="list-style-type: none"> Probability Distribution Mathematical Expectation Variance Binomial Distribution Poisson Distribution Normal Distribution
5	Inferential Statistics <ul style="list-style-type: none"> Population & Sample Parameter and Statistic and Statistical inference t test (one sample t-test and two independent t-test)
SECOND PERIODIC TEST FROM 25/11/2024	
6	Time Based Data <ul style="list-style-type: none"> Time series Component of Time Series Time Series Analysis for univariant data Secular trend Method of measuring trend
7	Financial Mathematics <ul style="list-style-type: none"> Perpetuity Sinking fund Calculation of EMI Calculation of return Nominal rate of return Compound annual growth rate Linear method of depreciation
8	Linear Programming <ul style="list-style-type: none"> Mathematical Formulation of Linear Programming problem Graphical method of solving L.P.P in two variables
PRE-BOARD EXAMINATION 1 FROM 09/12/2024	
Probability Distributions Inferential Statistics Time Based Data Financial Mathematics Linear Programming	
PRE-BOARD EXAMINATION 2 FROM 03/01/2025	
Entire Syllabus as per CBSE sample paper (Unit 1 to Unit 8)	



M.G.M HIGHER SECONDARY SCHOOL, BOKARO
SYLLABUS BREAKUP FOR THE YEAR : 2024 - 2025

CLASS – XII
SUBJECT – BIOLOGY

MONTH	WEEK	UNIT NO.	CHAPTER / TOPIC NAME
March	3 RD	6	Sexual Reproduction in flowering plants.
	4 th	Reproduction	Sexual Reproduction in flowering plants.
April	1 st	6	Sexual Reproduction in flowering plants.
	2 nd	6	Human Reproduction
	3 rd	6	Human Reproduction
	4 th	6	Human Reproduction
	5 th	6	Human Reproduction
May	1 st	6	Reproductive Health
	2 nd	6	Reproductive Health
June	3 rd	7	Principles of Inheritance and variation
	4 th	7	Principles of Inheritance and variation
July	1 st	7	Principles of Inheritance and variation
	2 nd	7	Principles of Inheritance and variation
	3 rd	7	Evolution
	4 th	7	1 st Periodic Test
			Evolution
	5 th	7	Evolution
August	1 st	7	Molecular Basic of Inheritance
	2 nd	7	Molecular Basic of Inheritance
	3 rd	7	Molecular Basic of Inheritance
	4 th	7	Molecular Basic of Inheritance
	5 th	8	Human Health and Diseases
September	1 st	8	Human Health and Diseases
	2 nd	8	Microbes in Human Welfare
	3 rd		Revision
	4 th		Half Yearly Examination
	5 th	9	Biotechnology : Principles & Processes
October	2 nd	9	Biotechnology : Principles & Processes
	3 rd	9	Biotechnology : Principles & Processes
	4 th	9	Biotechnology : Principles & Processes
November	1 st	10	Organism and Populations
	2 nd	10	Ecosystem
	3 rd	10	Biodiversity and Conservation
	4 th		Revision
	5 th		2 nd Periodic Test

Unitwise weightage (As given in CBSE curriculum 20224-25)

Unit	Title	Marks
Unit VI	Reproduction	16
Unit VII	Genetics & Evolution	20
Unit VIII	Biology in Human Welfare	12
Unit IX	Biotechnology & its applications	12
Unit X	Ecology and Environment	10
	Total	70

Portion for 1st Periodic Test :

Chapter – 2, 3, 4 and 5

Portion for Half Yearly Examination :

Chapter – 2, 3, 4 5, 6, 7, 8 and 10

Portion for Pre-board Examination :

Entire Syllabus

Date of Completion of Syllabus 30.11.2024

Text Book : Biology for XII by NCERT

Deleted Topics

1. Chapter 13 (Organisms & populations) – Organism & its environment
major abiotic factors, Responses to abiotic factors and adaptations.
2. Chapter 14 (Ecosystem) – Ecological succession, Carbon cycle, phosphorus cycle.

M.G.M HIGHER SECONDARY SCHOOL
SYLLABUS BREAK UP
SESSION-2024-25
CLASS – XII
SUBJECT – BUSINESS STUDIES (54)

MONTH	WEEK	UNIT NO.	CHAPTER/TOPIC
MARCH-24	3 rd	1	CHAPTER-1: Nature and Significance of Management Management - concept, objectives, and importance
	4 th	1	CHAPTER-1: Nature and Significance of Management(Contd.) Management as Science, Art and Profession Levels of Management
	5 th	1	CHAPTER-1: Nature and Significance of Management(Contd.) Coordination- concept and importance Management functions-planning, organizing, staffing, directing and controlling
APRIL-24	1 st	2	CHAPTER-2: Principles of Management Concept and Significance of Principle of Management Fayol's principles of management
	2 nd	2	CHAPTER-2: : Principles of Management(Contd.) Taylor's Scientific management- principles and techniques
	3 rd	3	CHAPTER-3: Business Environment: Business Environment- concept and Importance Dimensions of Business Environment- Economic, Social, Technological-Meaning and Components
	4 th	3	CHAPTER-3: Business Environment(Contd.) Dimensions of Business Environment- Political and Legal- Meaning and Components Demonetization - concept and features
	5 th	3	CHAPTER-3: Business Environment(Contd.) Impact of Changes in Business Environment on Business Business response to change in Environment
MAY-24	1 st	4	CHAPTER-4: Planning Concept, Importance and limitation
	2 nd	4	CHAPTER-4: Planning(Contd.) Planning process Types of Plan- Single use and standing plans. Objectives, Strategy, Policy, Procedure, method Rule, budget and Programme
	3 rd	5	CHAPTER-5: Organising Concept and importance Organising Process
			PROJECT GROUP DIVISION AND PROJECT TOPIC ALLOCATION
	4 th		SUMMER VACATION
	5 th		SUMMER VACATION
JUNE-24	1 st		SUMMER VACATION
	2 nd		SUMMER VACATION
	3 rd		SUMMER VACATION
	4 th	5	CHAPTER-5: Organising (Contd.) Organisational Structure - Functional and Divisional concept- Suitability- Formal and informal organisation- concept
	5 th	5	CHAPTER-5: Organising (Contd.) Delegation: concept, Elements and importance, Decentralization: concept and importance
JULY-24	1 st	6	CHAPTER-6: Staffing Concept and importance of staffing Staffing as a part of Human Resource Management concept Staffing process
	2 nd	6	CHAPTER-6: Staffing (Contd.) Recruitment Process- Sources of Recruitment- Selection Process
			FIRST PERIODIC TEST 2024-25
	3 rd	6	CHAPTER-6: Staffing (Contd.) Concept of Training & Development- Importance of Training- Methods of Training- On the Job and Off the Job- Vestibule, Apprenticeship , Induction Training and Internship Training
	4 th	7	CHAPTER- 7: Directing Concept and importance Elements of Directing- Motivation - concept, Maslow's hierarchy of needs

	5 th	7	CHAPTER-7: Directing (Contd.) Financial and non-financial incentives-Leadership - concept, Styles - authoritative, democratic and laissez faire
AUGUST-24	1 st	7	CHAPTER-7: Directing (Contd.) Communication - concept, formal and informal communication; barriers to effective communication, How to overcome the barriers Supervision: Concept & Importance
	2 nd	8	CHAPTER-8: Controlling Controlling - Concept and importance Steps in process of control
	3 rd	8	CHAPTER-8: Controlling Relationship between planning and controlling
	4 th	9	CHAPTER- 9: Financial Management Concept, role and objectives of Financial Management
	5 th	9	CHAPTER-9: Financial Management Financial decisions: investment, financing and dividend- Meaning and factors affecting
SEPTEMBER-24	1 st	9	CHAPTER- 9: Financial Management Financial Planning - concept and importance Capital Structure- Concept and factor affecting Capital Structure
	2 nd	HALF YEARLY EXAMINATION	
	3 rd	HALF YEARLY EXAMINATION	
	4 th	CHAPTER- 9: Financial Management Fixed and Working Capital - Concept and factors affecting their requirements	
OCTOBER-24	1 st	10	CHAPTER-10: Financial Markets Financial Markets: Concept and types Money market and its instruments
	2 nd	DUSHERA HOLIDAY	
	3 rd	10	CHAPTER-10: Financial Markets (Contd.) Capital market and its types (primary and secondary), Methods of floatation in the primary market- Stock Exchange – Meaning, Important terms, Functions and trading procedure
	4 th	10	Securities and Exchange Board of India (SEBI) - objectives and functions
	5 th	11	CHAPTER-11: Marketing Marketing – Concept, functions and philosophies Marketing Mix – Concept and elements Product – Meaning, Types-Dimension of Product Mix Concept – Product line, Mix width, Line length, depth, Mix Consistency -
NOVEMBER-24	1 st	11	CHAPTER-11: Marketing (Contd.) Elements of Product Mix: Branding, labelling and packaging – Concept & Importance Price - Concept, Pricing Objectives, Pricing Strategy- Factors affecting determination of price
	2 nd	11	CHAPTER-11: Marketing (Contd.) Promotion – Concept and elements; Advertising, Personal Selling: Objectives
	3 rd	12	Sales Promotion and Public Relations: Objectives, Comparison Physical Distribution – concept, components and channels of distribution- Factors affecting choice of Channel
	4 th	CHAPTER-12: Consumer Protection Concept and importance of consumer protection Consumer Protection Act 1986: Provision relating to Meaning of consumer Rights and responsibilities of consumers, Who can file a complaint? Redressal machinery , Remedies available Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs)	
	5 TH	PERIODIC TEST-2	
		COMPLETION OF SYLLABUS 1st Pre- Board Examination	

UNIT WISE DISTRIBUTION OF MARKS FOR THEORY/ PRACTICAL

Business Studies
CLASS–XII (2024-25)

Theory: 80 Marks
Project: 20 Marks

3 Hours

<u>Units</u>		<u>Periods</u>	<u>Marks</u>
<u>Part A</u>	<u>Principles and Functions of Management</u>		
<u>1.</u>	<u>Nature and Significance of Management</u>	<u>12</u>	<u>16</u>
<u>2</u>	<u>Principles of Management</u>	<u>14</u>	
<u>3</u>	<u>Business Environment</u>	<u>12</u>	
<u>4</u>	<u>Planning</u>	<u>14</u>	<u>14</u>
<u>5</u>	<u>Organising</u>	<u>15</u>	
<u>6</u>	<u>Staffing</u>	<u>16</u>	
<u>7</u>	<u>Directing</u>	<u>15</u>	<u>20</u>
<u>8</u>	<u>Controlling</u>	<u>12</u>	
	<u>Total</u>	<u>110</u>	<u>50</u>
<u>Part B</u>	<u>Business Finance and Marketing</u>		
<u>9</u>	<u>Financial Management</u>	<u>20</u>	<u>15</u>
<u>10</u>	<u>Financial Markets</u>	<u>18</u>	
<u>11</u>	<u>Marketing Management</u>	<u>30</u>	<u>15</u>
<u>12</u>	<u>Consumer Protection</u>	<u>12</u>	
	<u>Total</u>	<u>80</u>	<u>30</u>
<u>Part C</u>	<u>Project Work (One)</u>	<u>30</u>	<u>20</u>

PERIODIC TEST

<u>DATE/ NUMBER</u>	<u>CHAPTER / SYLLABUS</u>
1 st Periodic Test- 01.0.23	Ch.1- Nature & Significance of Management Ch.2- Principles of Management Ch.3- Business Environment Ch.4- Planning Ch.5-Organising

MGM HIGHER SECONDARY SCHOOL BOKARO
YEAR PLAN WITH MONTHLY PLAN 2024-2025
CLASS 12 - CHEMISTRY

Month	Week	Chapters/Topic per week
March	3 rd	Solutions - Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, Raoult's law
March	4 th	Solutions - colligative properties– relative lowering of vapour pressure, elevation of boiling point, depression of freezing point, osmotic pressure
April	1	Solutions - determination of molecular masses using colligative properties, abnormal molecular mass, Van't Hoff factor.
April	2	Electrochemistry - Redox reactions, EMF of a cell, standard electrode potential, Nernst equation and its application to chemical cells,
April	3	Electrochemistry - Relation between Gibbs energy change and EMF of a cell, conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration
April	4	Electrochemistry -, Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea), dry cell–electrolytic cells and Galvanic cells, lead accumulator, fuel cells, corrosion
May	1	Chemical Kinetics - Rate of a reaction (Average and instantaneous),
May	2	Chemical Kinetics - factors affecting rate of reaction: concentration, temperature, catalyst; order and molecularity of a reaction
June	3	Chemical Kinetics – rate law and specific rate constant, integrated rate equations and half-life (only for zero and first order reactions)
June	4	Chemical Kinetics – concept of collision theory (elementary idea, no mathematical treatment), activation energy, Arrhenius equation.
July	1	Haloalkanes and Haloarenes - Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions
July	2	Haloalkanes and Haloarenes -Haloarenes: Nature of C–X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only). Uses and environmental effects of – dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT
July	3	Alcohols, Phenols and Ethers -Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols, mechanism of dehydration, uses with special reference to methanol and ethanol
July	4	Alcohols, Phenols and Ethers - Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols, Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses
August	1	Aldehydes, Ketones and Carboxylic Acids - Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties
August	2	Aldehydes, Ketones and Carboxylic Acids - mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, uses
August	3	Aldehydes, Ketones and Carboxylic Acids - Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses
August	4	Amines: Nomenclature, classification, structure, methods of preparation,
September	1	Revision for half yearly exam
September	2	Half yearly exam
September	3	Amines & Diazonium salts - physical and chemical properties, uses, identification of primary, secondary and tertiary amines

September	4	Amines & Diazonium salts - Preparation, chemical reactions and importance in synthetic organic chemistry
October	1	d and f Block Elements - General introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first-row transition metals – metallic character
October	2	d and f Block Elements - ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation
October	3	d and f Block Elements - preparation and properties of K ₂ Cr ₂ O ₇ and KMnO ₄ .
October	4	Coordination Compounds - Coordination compounds – Introduction, ligands, coordination number, colour, magnetic properties and shapes,
November	1	Coordination Compounds - IUPAC nomenclature of mononuclear coordination compounds, Bonding, Werner's theory, VBT, and CFT; structure and stereoisomerism
November	2	Coordination Compounds - the importance of coordination compounds (in qualitative analysis, extraction of metals and biological system).
November	3	Biomolecules -Carbohydrates – Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D–L configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen); Importance of carbohydrates. Proteins –Elementary idea of – amino acids, peptide bond, polypeptides
November	4	Biomolecules - proteins, structure of proteins – primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins; enzymes. Hormones – Elementary idea excluding structure. Vitamins – Classification and functions. Nucleic Acids: DNA and RNA.
December	1-4	Revision

Unit II: Solutions 15 Periods

Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, Raoult's law, colligative properties– relative lowering of vapour pressure, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass, Van't Hoff factor.

Unit III: Electrochemistry 18 Periods

Redox reactions, EMF of a cell, standard electrode potential, Nernst equation and its application to chemical cells, Relation between Gibbs energy change and EMF of a cell, conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea), dry cell–electrolytic cells and Galvanic cells, lead accumulator, fuel cells, corrosion.

Unit IV: Chemical Kinetics 15 Periods

Rate of a reaction (Average and instantaneous), factors affecting rate of reaction: concentration, temperature, catalyst; order and molecularity of a reaction, rate law and specific rate constant, integrated rate equations and half-life (only for zero and first order reactions), concept of collision theory (elementary idea, no mathematical treatment), activation energy, Arrhenius equation.

Unit VIII: d and f Block Elements 18 Periods

General introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first-row transition metals – metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation, preparation and properties of $K_2Cr_2O_7$ and $KMnO_4$.

Lanthanoids – Electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction and its consequences.

Actinoids – Electronic configuration, oxidation states and comparison with lanthanoids.

Unit IX: Coordination Compounds 18 Periods

Coordination compounds – Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds.

Bonding, Werner's theory, VBT, and CFT; structure and stereoisomerism, the importance of coordination compounds (in qualitative analysis, extraction of metals and biological system).

Unit X: Haloalkanes and Haloarenes. 15 Periods

Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions.

Haloarenes: Nature of C–X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only). Uses and environmental effects of – dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.

Unit XI: Alcohols, Phenols and Ethers 14 Periods

Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols, mechanism of dehydration, uses with special reference to methanol and ethanol.

Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols.

Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.

Unit XII: Aldehydes, Ketones and Carboxylic Acids 15 Periods

Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, uses.

Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.

Unit XIII: Amines 14 Periods

Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary, secondary and tertiary amines.

Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.

Unit XIV: Biomolecules 18 Periods

Carbohydrates – Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D–L configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen); Importance of carbohydrates. Proteins –Elementary idea of – amino acids, peptide bond, polypeptides, proteins, structure of proteins – primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins; enzymes. Hormones – Elementary idea excluding structure.

Vitamins – Classification and functions.

Nucleic Acids: DNA and RNA.

MGM HIGHER SECONDARY SCHOOL, B.S.CITY
SYLLABUS BREAK-UP YEAR 2024-2025
CLASS – XII
SUBJECT – ECONOMICS

YEAR/ MONTH	WEEK	CHAPTER NO.	CHAPTERS/TOPICS
2024 MARCH	2nd	INDIAN ECONOMIC DEV. Ch.-1	Unit 6: Development Experience (1947-90) and Economic Reforms since 1991: A brief introduction of the state of Indian economy on the eve of independence. State of agricultural and Industry sector.
	3rd	INDIAN ECONOMIC DEV. Ch.-1	State of Foreign trade, Demographic profile, Occupational structure and Infrastructure on the eve of Independence.
	4 th	INDIAN ECONOMIC DEV. Ch.-2	Indian economic system and common goals of Five Year Plans. Goals of Planning in India and Achievement of the goals.
2024 APRIL	1 st -2 nd	MACRO. Ch.-5	Unit 2: Money and Banking Money – meaning and functions, supply of money - Currency held by the public and net demand deposits held by commercial banks. Money creation by the commercial banking system.
	3 rd	MACRO. Ch.-6	Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, CRR, SLR, RepoRate and Reverse Repo Rate, Open Market Operations, Margin requirement.
	4 th	INDIAN ECONOMIC DEV. Ch.-3	Main features, problems and policies of agriculture (institutional aspects and newagricultural strategy)
	5 th	INDIAN ECONOMIC DEV. Ch.-3	Industry (IPR 1956; SSI – role & importance) and Foreign trade (Inward Looking Strategy); Silent features of growth strategy during the period 1950-1990 and its good and bad effects.
2024 MAY	1 st	MACRO. Ch.-1	Unit 1: National Income and Related Aggregates What is Macroeconomics?
	2 nd	MACRO. Ch.-2	Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate goods ;Stocks and flows; gross investment and depreciation.
	3 rd	MACRO. Ch.-2	Circular flow of income (two sector and three sector model)
2024 JUNE	4 th	INDIAN ECONOMIC DEV. Ch.-4	Economic Reforms since 1991: Features and appraisals of liberalization and globalisation
	5 th	INDIAN ECONOMIC DEV. Ch.-4	Features and appraisals of privatisation (LPG policy); Concepts of demonetization and GST
2024 JULY	1 st -2 nd	MACRO. Ch-3	Unit 7: Current challenges facing Indian Economy Human Capital Formation: How people become resource; Role of human capital in economic development; Growth of Education Sector in India

	3 rd	INDIAN ECONOMIC DEV. Ch.-6	Unit 1: National Income and Related Aggregates Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost; Real and Nominal GDP. PERIODIC TEST-1
	4 th	MACRO. Ch.-4	Rural development: Key issues - credit and marketing - role of cooperatives; agricultural diversification; alternative farming - organic farming
	5 th	MACRO. Ch.-4	Methods of calculating National Income -Value Added or Product method
2024 AUGUST	1 st	MACRO. Ch.-4	Methods of calculating National Income -Income method. GDP and Welfare
	2 nd	MACRO. Ch.-7	Methods of calculating National Income -Expenditure method
	3 rd	MACRO. Ch.-8	Unit 3: Determination of Income and Employment Aggregate demand and its components. Propensity to consume and propensity to save (average and marginal).
	4 th	MACRO. Ch.-9	Short-run equilibrium output; investment multiplier and its mechanism. Meaning of full employment and involuntary unemployment.
	5 th	INDIAN ECONOMIC DEV. Ch.-7	Problems of excess demand and deficient demand; measures to correct them, changes in government spending, taxes and money supply.
2024 SEPTEMBER	1 st	EXAM	Employment: Growth and changes in work force participation rate in formal and informal sectors. Jobless growth, Casualisation and Informalisation of workforce. Employment: problems and policies
	2 nd	EXAM	Half Yearly Examination
	3 rd	MACRO. Ch.-10	Half Yearly Examination
	4 th -5 th	MACRO. Ch.-10	Unit 4: Government Budget and the Economy Government budget - meaning, objectives and components.
2024 OCTOBER	1 st	MACRO. Ch.-10	Classification of receipts - revenue receipts and capital receipts; Classification of expenditure – revenue expenditure and capital expenditure.
	2 nd	INDIAN ECONOMIC DEV. Ch.-8	Balanced, Surplus and Deficit Budget – measures of government deficit.
	3 rd	INDIAN ECONOMIC DEV.Ch.-8	Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment; including global warming
	4 th	MACRO. Ch.-11	Sustainable Economic Development: Strategies of sustainable development.
	5 th	MACRO. Ch.-12	Unit 5: Balance of Payments Balance of payments account - meaning and components, Surplus and Deficit.
2024 NOVEMBER	2 nd	INDIAN ECONOMIC DEV. Ch.-9	Foreign exchange rate - meaning of fixed and flexible rates and managed floating. Determination of exchange rate in a free market, Merits and demerits of flexible and fixed exchange rate. Managed Floating exchange rate system

	3 rd	INDIAN ECONOMIC DEV. Ch.-9	Unit 8: Development Experience of India: A comparison with Neighbours- India and Pakistan India and China
	4 th		Issues: economic growth, population, sectoral development and other Human Development Indicators
	5 th	EXAM	Completion of Syllabus
2024 DECEMBER	2 nd	EXAM	1st Pre-Board Examination
2025 JANUARY	1 st		2nd Pre-Board Examination

PORTION OF EXAM FOR THE YEAR 2024-25

EXAM	CHAPTER NO.	NAME OF CHAPTER
1 st Periodic Test	Chapter-5	Money. (Macro)
	Chapter-6	Banking (Macro)
	Chapter-1	Indian Economy on the Eve of Independence. (Eco. Dev.)
	Chapter-2	Five Year Plan in India- Goals and Achievements. (Eco. Dev.)
	Chapter-3	Agriculture, Industry and Trade (1950-1990). (Eco. Dev.)
	Chapter-4	Economic Reforms since 1991: New Economic Policy. (Eco. Dev.)
Half yearly exam	Chapter-1	Introduction (Macro)
	Chapter-1	Indian Economy on the Eve of Independence. (Eco. Dev.)
	Chapter-2	Some basic concepts of Macroeconomics.(Macro)
	Chapter-2	Five Year Plan in India- Goals and Achievements. (Eco. Dev.)
	Chapter-3	National Income and Related Aggregates.(Macro)
	Chapter-3	Agriculture, Industry and Trade (1950-1990). (Eco. Dev.)
	Chapter-4	Methods of Calculating National Income.(Macro)
	Chapter-4	Economic Reforms since 1991: New Economic Policy. (Eco. Dev.)
	Chapter-5	Money.(Macro)
	Chapter-5	Human Capital Formation. (Eco. Dev.)
	Chapter-6	Banking. (Macro)
	Chapter-6	Rural development, (Eco. Dev.)
1 st Pre- Board	Chapter-7	Aggregate Demand and its Components. (Macro)
	Chapter-7	Employment. (Eco.Dev.)
	Chapter-8	Short run Equilibrium Output. (Macro)
	Chapter-8	Environment and Sustainable Development. (Eco. Dev.)
	Chapter-9	Problem of Deficit Demand and Excess Demand. (Macro)
	Chapter-9	Development Experience of India, Pakistan and China. (Eco. Dev.)
	Chapter-10	Government Budget and The Economy. (Macro)
	Chapter-11	Balance of Payment. (Macro)
	Chapter-12	Foreign Exchange Rate. (Macro)
2 nd Pre- board	Chapter-1 to 9	Entire syllabus (Macroeconomics)
	Chapter-1 to 12	Entire syllabus (Indian Economic Development)

MGM HIGHER SECONDARY SCHOOL, BOKARO STEEL CITY
SYLLABUS BREAKUP
SESSION-2024-25
CLASS – XII
SUBJECT – ENGLISH

<i>Month</i>	<i>Week</i>	<i>Chapter/topic</i>
MARCH-24	3 rd	▪ The Last Lesson (Flamingo)
	4 th	▪ My Mother at Sixty Six (Flamingo) ▪ Notice-Writing
APRIL-24	1 st	▪ Keeping Quiet (Flamingo)
	2 nd	▪ The Third Level (Vistas)
	3 rd	▪ Report - Writing, Letter Writing:-Job Application
	4 th	▪ Drafting Invitation, reply to Invitation
MAY-24	1 ST	▪ Lost-Spring (Flamingo)
	2 ND	▪ The Tiger King (Vistas)
	3 rd	▪ Deep - Water
JUNE-24	4 TH	▪ Journey to the End of The Earth (Vistas)
	5 TH	▪ The Rattrap (Flamingo)
JULY-24	1 ST	▪ Indigo (Flamingo)
	2 ND	▪ The Enemy (Vistas)
	3 RD	First Periodic Test
	4 TH	Assessment of Listening and Speaking
	5 TH	Assessment of Listening and Speaking (Continued)
AUGUST-24	1 ST	1. Poets and Pancakes (Flamingo)
	2 ND	2. Article Writing
	3 RD	▪ A Thing of beauty (Flamingo)
	4 TH	▪ A Thing of beauty (Flamingo) (Contd.)
	5 TH	▪ A Roadside Stand (Flamingo)
SEPTEMBER-24	1 ST	Revision for Half-yearly examination
	2 ND	Half – Yearly Examination
	3 RD	

	4 TH	▪ The Interview (Flamingo)
OCTOBER-24	1 ST	▪ Going Places (Flamingo)
	2 ND	▪ Going Places (Flamingo) (Contd.)
	3 RD	▪ Memories of Childhood (Vistas)
	4 TH	▪ Report Writing
NOVEMBER-24	2 ND	▪ On the Face of it(Vistas)
	3 RD	Aunt Jennifer's Tigers(Flamingo)
	4 TH	Assessment of Listening and Speaking
	5 TH	Syllabus Completion Revision for Pre-Board Examination

PORTION FOR EXAM

FIRST PERIODIC TEST FROM 15.07.2024	
Book	CHAPTER
Flamingo	1. The Last Lesson 2. My mother at sixty six 3. Deep Water 4. Keeping Quiet 5. Indigo
Vistas	1. The Third Level 2. The Tiger King.
Reading	1. Reading Comprehension.
Writing	1. Notice 2. Report 3. Invitation
HALF-YEARLY EXAMINATION	
Flamingo	1. The Last Lesson 2. Lost Spring 3. Deep Water 4. Indigo 5. The Rattrap
Vistas	1. The Third Level 2. The Tiger King 3. Journey to the End of Earth
Poetry	1. My mother at sixty six 2. Keeping Quiet 3. A Thing of beauty
Writing	1. Notice 2. Report 3. Invitation

	4. Article
Reading	1. Case Based Comprehension, Reading Comprehension
SECOND PERIODIC TEST FROM 25/11/2024	
Flamingo	1. The Interview 2. Going Places 3. Aunt Jennifer's Tiger
Vistas	1. Memories of Childhood 2. On the Face of it
Reading	1. Reading Comprehension
Writing	1. Notice 2. Report 3. Invitation 4. Article
PRE-BOARD EXAMINATION 1 FROM 09/12/2024	
Entire Syllabus as per CBSE sample paper	
PRE-BOARD EXAMINATION 2 FROM 03/01/2025	
Entire Syllabus as per CBSE sample paper	

Syllabus Breakup 2024-2025**Class – XII****Sub : Informatics Practices (New) - 065**

Year	Month	Week	Unit	Chapters / Topics
2024 - 2025	March	3 rd	Unit -1	Revision of the basics of Python (Tokens and operator)
		4 th		Revision List and Dictionary Data Handling using Pandas and Data Visualization Data Handling using Pandas –I – Introduction to Python
		5 th		Libraries- Pandas ,Matplotlib , NumPy
	April	1 st		Data structures in Pandas - Series and data frames. Series - Creation of series using List and dictionary
		2 nd		Series and Data frames: Scalar Values
		3 rd		Series and data frames: mathematical operations
		4 th		Series and data frames: series attributes, head and tail functions; Selection Indexing and slicing of Series;
		5 th		Series creation using ndarray, importing numpy, NaN
	May	1 st		Series and data frames: mathematical operations; series attributes, head and tail functions;
		2 nd		Pandas Statistical function (sum(), min(), max() ,mean(), count(), median())
		3 rd		Data Frames: creation of data frames from dictionary of series,
	June	4 th		Data Frames: list of dictionaries
		5 th	Unit -3	Societal Impacts ● Digital footprint, net and communication etiquettes, ● Data protection
	July	2 nd	Unit-1	● intellectual property rights (IPR), plagiarism, licensing and copyright
		3 rd		1st Periodic Test (15th JULY)
		4 th	Unit-3	Data Frames: text/CSV files, display, iteration.
		5 th		Operations on rows and columns: add (insert /append) select, delete (drop column and row), rename Head and Tail functions, indexing using labels, Boolean indexing.
	August	1 st	Unit-3	Line plot, bar graph, histogram. Customizing plots; adding label, title, and legend in plots.
		2 nd		● Free and open source software (FOSS), ● Cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act.
		3 rd	Unit - 4	● E-waste: hazards and management. Awareness about health concerns related to the usage of technology.
		4 th		Introduction to Computer Networks: ● Introduction to networks, Types of network: LAN, MAN, WAN, components of network.
		5 th		● Network Devices: modem, hub, switch, repeater, router, gateway..
	S e s	1 st		Revision

		2 nd		HALFYEARELY (9TH SEP)
		3 rd		Single row function and Aggregate (Multiple row function)
		4 th		Text functions: UCASE ()/UPPER (), LCASE ()/LOWER ()
	October	1 st		Text functions:● MID ()/SUBSTRING ()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM ().
		2 nd		● Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME ().
		3 rd		Numeric Function : Power(), Rond(), Mod()
		4 th		Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*).
		5 th		● Querying and manipulating data using Group by, Having, Order by.
	November	2 nd		Database Query using SQL based on multiple table – Equi Join
		3 rd		<ul style="list-style-type: none"> ● Introduction to Internet, URL, WWW and its applications- Web, email, Chat, VoIP. ● Network Topologies: Star, Bus, Tree, Mesh ● Website: Introduction, difference between a website and webpage
		4 th		Static vs dynamic web page, web server and hosting of a website. ● Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.
		5 th		2nd PERIODIC TEST (25TH NOV) 30TH NOVEMBER Syllabus completion
	December	2 nd		1st Pre- Board Examination (9th DEC)
	January	1 st		2nd Pre- Board Examination (3RD JAN)

MGM HIGHER SECONDARY SCHOOL, BOKARO STEEL CITY
SYLLABUS BREAKUP
SESSION-2024-25
CLASS – XII
SUBJECT – INFORMATION TECHNOLOGY (802)

<i>Month</i>	<i>Week</i>	<i>Date</i>	<i>Unit no.</i>	<i>Chapter/Topic</i>
MARCH-24	2 nd	6 TH -9 TH		Introduction to the Subject:- Syllabus, Curriculum, Discussion on Practical, About Project.
	3 rd	13 TH - 17 TH		<i>Employability Skills Discussion. PSSCIVE portal.</i>
	4 th	20 TH - 24 TH	UNIT-1	Introduction to Database Concepts- RDBMS Tools
APRIL-24	1 st	1 ST -5 TH	UNIT-1	Introduction to Database Concepts-RDBMS Tools. Data and information, Examples, Database, Properties and Need of Database DBMS, DBMS environment. Characteristics of DBMS.
	2 nd	8 TH – 12 TH	UNIT-1	User Types. Advantages and Limitations of DBMS.
	3 rd	15 TH – 19 TH	UNIT-1	RDBMS Model and Constraints. Introduction to SQL. Basic SQL commands used in tables.
	4 th	22 ND – 26 TH	UNIT-1	Creating database, using it, creating tables for the database, defining data types, null values, and primary key for the tables.
	5 TH	29 TH - 30 TH	UNIT-1	Drop table, naming constraints, alter table
MAY-24	1 ST	1 ST – 3 RD	UNIT-1	Insert command, update, delete, select commands. Using queries on tables created.
	2 ND	6 TH – 10 TH	UNIT-1	Queries continued.
	3 rd	13 TH - 17 TH	UNIT-2	Introduction to - Operating Web
JUNE-24	4 TH	20 TH - 21 ST	UNIT-2	Web based Applications, Online reservation systems:- Airline, railway, Bus, hotel etc. Advantages of online reservation.
	5 TH	24 TH - 28 TH	UNIT-2	Online transactions, precautions to be taken while online transactions, using online reservation system, booking ticket online

JULY-24	1 ST	1 ST – 5 TH	UNIT-2	e-governance, online shopping, online courses.
	2 ND	8 TH -12 TH		Writing Skills using PSSCIVE portal.ICT skills (Spreadsheet).
	3 RD	15 TH – 19 TH		REVISION FOR FIRST PERIODIC TEST
	4 TH	22 ND – 26 TH	UNIT-3	Introduction to Java programming
	5 TH	29 TH – 31 ST		Java Language Elements
AUGUST-24	1 ST	1 ST – 2 ND		ICT skills (Presentation).
	2 ND	5 TH – 9 TH		Control Flow(Loops, Switch, If-Else)
	3 RD	12 TH – 16 TH		Operators, Array.
	4 TH	20 TH – 23 RD		Green Skills.
	5 TH	27 TH – 30 TH		REVISION FOR HALF YEARLY EXAM
SEPTEMBER-24	1 ST	2 ND – 6 TH		REVISION FOR HALF YEARLY EXAM/ PRACTICAL EXAMINATION
	2 ND -3 RD	HE		HALF YEARLY EXAMINATION
	4 TH	23 RD – 27 TH		Basic functions on Array. (Searching/Sorting).
	5 TH	30 TH		Arrays, String Manipulation(Functions on String)
OCTOBER-24	1 ST	1 ST - 4 TH		Methods/Functions.
	2 ND	7 TH – 8 TH		Class Design, Assertions.
	3 RD	14 TH – 18 TH		Exception Handling.
	4 TH	21 ST – 25 TH		Threads ,Wrapper Classes
	5 TH	28 TH – 31 ST		Work Integrated Learning IT – DMA- Identification of Potential Work Areas
NOVEMBER-24	2 ND	8 TH		Fields / Area where IT is used.
	3 RD	11 TH – 14 TH		Completion of syllabus
	4 TH	18 TH – 22 ND		Revision and Practical
	5 TH			Revision

PORTION OF EXAM WITH MARK WEIGHTAGE FOR YEAR 2024-25

EXAM	CHAPTER NO.	NAME OF CHAPTER	MARKS WEIGHTAGE
1 st Periodic	Unit-1	Database Concepts-RDBMS Tools	20
		Introduction, Basic concepts and definitions, Data and information with examples, Database and its properties, Need of Database. DBMS and DBMS environment. Characteristics of DBMS. User Types. Advantages and Limitations of DBMS.RDBMS Model and Constraints. Introduction to SQL. Basic SQL commands used in tables.	
		Employability Skills	5
HALF YEARLY	Unit-1	Database Concepts-RDBMS Tools	25
		Introduction, Basic concepts and definitions, Data and information with examples, Database and its properties, Need of Database. DBMS and DBMS environment. Characteristics of DBMS. User Types. Advantages and Limitations of DBMS.RDBMS Model and Constraints. Introduction to SQL. SQL commands used in tables.	
	Unit-2	Operating Web	25
		Web based Applications, Online reservation systems: - Airline, railway, Bus, hotel etc. Advantages of online reservation. Online transactions, precautions to be taken while online transactions, using online reservation system, booking ticket online, e-governance, online shopping, online courses. Phases of development of web based applications.	
		Employability Skills	10
2 nd Periodic	Unit-3	Fundamentals of Java programming Fundamentals, Elements of Java programming, Loops, Conditional statement, Array.	20
		Employability Skills	5
PRE- BOARD		Employability Skills	10
	Unit - 1	Database Concepts-RDBMS Tools	15
	Unit - 2	Operating Web	10
	Unit-3	Fundamentals of Java programming	20
	Unit-4	Work Integrated Learning IT – DMA	5



M.G.M HIGHER SECONDARY SCHOOL, BOKARO

SYLLABUS BREAKUP FOR THE YEAR : 2024 - 2025

CLASS – XII

SUBJECT – MATHEMATICS (041)

MONTH	WEEK	UNIT NO.	CHAPTER/TOPIC
APRIL	1 st		RELATION: Types of relations: reflexive, symmetric, transitive.
	2 nd		Equivalence relations, Types of relations, Equivalence classes.
	3 rd		FUNCTIONS : Functions Types of functions, Composite functions,
	4 th		INVERSE TRIGONOMETRIC FUNCTIONS: Inverse of a Function, inverse trigonometric functions. INVERSE TRIGONOMETRIC FUNCTIONS: Definition, domain, range, Principal value branch of inverse trigonometric functions, Graphs of inverse trigonometric functions.
MAY	1 st		MATRICES: Types of matrices, Operation on matrices, Addition and Multiplication and multiplication with a scalar and Transpose of a matrix, symmetric and skew symmetric matrices.
	2 nd		DETERMINANTS: Determinant of a square matrix (up to 3x3 Matrices), minors, Co- factors. Applications of determinants in finding the area of a Triangle.
	3 rd		MATRICES: Adjoint and inverse of matrix, Solving a system of Linear Equations by Matrix Method
JUNE	4 th		CONTINUITY AND DEPPERENTIABILITY: Continuity of a point, continuous functions. DEFFERENTIATION: Chain rule, Derivatives of inverse trigonometric functions,
	5 th		Derivative of implicit function, Derivatives of logarithmic and exponential functions. Derivatives of function in parametric form, Second order
JULY	1 st		APPLICATION OF DERIVATIVES : Rate of change of bodies, increasing/decreasing functions, APPLICATION OF DERIVATIVES Increasing/decreasing functions
	2 nd		APPLICATION OF DERIVATIVES: Maxima & Minima. Simple problems INDEFINITE INTEGRALS : Integration as inverse process of differentiation, Integration by substitution,
	3 rd		1st Periodic Test
	4 th		Evaluation of integrals of some special functions Integration by partial fraction and by parts.
	5 th		DEFINITE INTEGRALS : Basic properties of definite integrals
AUGUST	1 st		APPLICATION OF INTEGRALS : Application in finding the area under simple curves, especially lines, circle/parabola /ellipse(in standard form only)
	2 nd		DIFFERENTIAL EQUATIONS: Definition, order and degree, general and particular solutions of homogeneous Solution of differential equations, Variable separable method.

AUGUST	3 rd		Solutions of homogeneous differential equations of first order and first Degree. Solutions of linear differential equations. Revision:
	4 th		VECTOR: Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors).
	5 th		Position vector of a point, negative of a vector, components of a Vector, Addition of vectors, multiplication of a vector by a scalar, position Vector of a point dividing a line segment in a given ratio. Definition
SEPTEMBER	1 st		Geometrical Interpretation, properties and application of scalar (dot) product of vectors , vector (cross) product of vectors, scalar triple product Of vectors. & Revision of Vector
	2 nd		Revision for Half Yearly Examination
	3 rd		HALF YEARLY EXAMINATION.
OCTOBER	1 st		THREE DIMENSIONAL GEOMETRY : Straight line in space, Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, coplanar and skew lines,
	2 nd		DP Homework *****
	3 rd		Different forms of Equation of lines. (Cartesian equation and vector equation of a line), coplanar and skew lines)
	4 th		SHORTEST DISTANCE BETWEEN TWO LINES: Angle between two lines,. Distance of a point from a line & Revision Of vector and 3D.
	5 th		LINEAR PROGRAMMING : Introduction LPP related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems,
NOVEMBER	1 st		Mathematical formulation of L.P. problems
	2 nd		graphical method of solution for problems in two variables, Feasible and infeasible regions (Bounded or Unbounded).
	3 rd		PROBABILITY : Conditional probability, Multiplication theorem of total Probability,
	4 th		Baye's theorem, Random variable and its probability distribution, mean of random variable
	5 th		Revision..... SYLLABUS COMPLETION 2nd Periodic Test

PORTION FOR HALF YEAR EXAM

Relations and Functions, Inverse Trigonometric functions. Continuity and Differentiability, Application of Derivative, Matrices, Determinants, Integrals (Indefinite and definite). Properties of Integrals. Application of Integrals, Differential Equations,

PORTION FOR PRE-BOARD EXAM

Vectors, Three-dimensional geometry, linear programming problem, Probability and whole portion of half yearly Exam.

By: Er. Chandan Kumar

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

MONTH	WEEK	TOPIC
APRIL	1ST	. RAJASTHANI SCHOOLS OF PAINTING . INTRODUCTION
	2ND	. MALWA SCHOOLS OF PAINTING . MEWAR SCHOOLS OF PAINTING
	3RD	. KOTA SCHOOL OF PAINTING . BIKANER SCHOOL OF PAINTING
	4TH	. KISHANGARH SCHOOL OF PAINTING . JODHPUR SCHOOL OF PAINTING
MAY	1ST	. JAIPUR SCHOOL OF PAINTING . BHAGWAT PURANA
	2ND	. MARU RAGINI . RAJA ANIRUDDHA SINGH HARA
	3RD	. CHAUGAN PLAYERS . KRISHNA ON SWING
	4TH	SUMMER HOLIDAYS
JUNE	3RD	. RADHA (BANI THANI) . BHARAT MEETS RAMA AT CHITRAKUT
	4TH	. QUESTION/ANSWERS
JULY	1ST	. QUESTION/ANSWERS
	2ND	. PRACTICAL
	3RD	. PRACTICAL
	4TH	. CHAPTER-5 PAHARI SCHOOL OF MINIATURE PAINTING . INTRODUCTION
AUGUST	1ST	. BASOHLI SCHOOL . GULER SCHOOL . KANGRA SCHOOL
	2ND	. CHAMBA SCHOOL . GARHWAL SCHOOL . KULLU-MANDI SCHOOL
	3RD	. MAIN CHARACTERISTICS OF THE PAHARI SCHOOL OF MINIATURE PAINTING
	4TH	. KRISHNA WITH GOPIS . NAND , YASHODA AND KRISHNA WITH KINSMEN GOING TO VRINDAVAN
SEPTEMBER	1ST	. QUESTION AND ANSWERS
	2ND	. HALF YEARLY EXAM
	3RD	. HALF YEARLY EXAM
	4TH	. CHAPTER-3 . MUGHAL SCHOOL OF MINIATURE PAINTING . INTRODUCTION
OCTOBER	1ST	. CH-3 CONTINUED
	2ND	DUSHERA HOLIDAYS
	3RD	. CH-3 CONTINUED NOAH'S ARK KRISHNA LIFTS MOUNT GOVARDHAN
	4TH	. FALCON ON A BIRD REST

NOVEMBER	1ST	. DECCAN SCHOOL OF MINIATURE PAINTING . INTRODUCTION AND ITS CHARACTERISTICS
	2ND	. DESCRIPTION OF HAZRAT NIZAMUDDIN AULIYA AND AMIR KHUSRO . CHAND BIBI PLAYING POLO
	3RD	. INTRODUCTION TO THE BENGAL SCHOOL OF PAINTING
	4TH	. NATIONAL FLAG OF INDIA AND THE SYMBOLIC SIGNIFICANCE OF ITS FORMS AND THE COLOURS
DECEMBER	1ST	. ORIGIN AND DEVELOPMENT OF THE BENGAL SCHOOL OF PAINTING . MAIN FEATURES OF THE BENGAL SCHOOL OF PAINTING
	2ND	. APPRECIATION OF THE FOLLOWING PAINTINGS OF THE BENGAL SCHOOL: . JOURNEY'S END -ABANINDRANATH TAGORE . SHIV AND SATI-NANDLA BOSE
	3RD	. RADHIKA- M.A.R.CHUGHTAI . MEGHDOOT- RAM GOPAL VIJAIVARGIYA
	4TH	. CHRISTMAS HOLIDAYS
JANUARY	1ST	. CONTRIBUTION OF INDIAN ARTISTS IN THE STRUGGLE FOR NATIONAL FREEDOM MOVEMENT
	2ND	. THE MODERN TRENDS IN INDIAN ART . RAMA VANQUISHING THE PRIDE OF OCEAN
	3RD	. MOTHER AND CHILD-JAMINI ROY . HALDI GRINDERS- AMRITA SHERGILL
	4TH	. MOTHER TERESA-M.F.HUSSAIN

PRACTICAL OF FINE ARTS

(2024-25)

CLASS XII

MONTH	TOPIC	MEDIUM
APRIL	NATURE STUDY	PENCIL COLOUR
MAY	FOLK ART	WATER COLOUR
JUNE	PAINTING COMPOSITION	POSTER COLOUR
JULY	STILL LIFE (OBJECT STUDY)	SKETCHING
AUGUST	PAINTING COMPOSITION	ACRYLIC
SEPTEMBER	FOLK ART	POSTER COLOUR
OCTOBER	NATURE STUDY	OIL PASTEL
NOVEMBER	STILL LIFE (OBJECT STUDY)	WATER COLOUR
DECEMBER	PAINTING COMPOSITION	ACRYLIC

MGM HIGHER SECONDARY SCHOOL, BCITY
YEAR PLAN WITH MONTHLY PLAN 2024-25

CLASS – XII

SUB: - PHYSICS

Month	Week	Chapter No.	Chapter/Topic name
March	2 nd 3 rd and 4 th	1	Unit-1 Electrostatics- Electric charges and fields Electric charges, conservation of charge, Coulombs law-force between 2 point charges, force between multiple charges, superposition principle and continuous charge distribution. Electric field, electric field due to a point charge, field lines , electric dipole, electric field due to a dipole, torque on a dipole in uniform electric field.
April	1 st	2	Electric flux, statement of Gauss’ theorem and its application to find electric field due to infinitely long st wire , uniformly charged infinite plane sheet and uniformly charged thin spherical shell(field inside and outside)
	2 nd	2	Electrostatic potential and capacitance Electric potential, potential difference, electric potential due to a point charge, dipole and system of charges,
	3 rd	2	equipotential surface, electric potential energy of system of two point charges and electric dipole in electrostatic field. Conductors and insulators, free charges and bound charges in a conductor. Dielectrics and electric polarisation, capacitors and capacitances, Practical1:To Find resistivities of two or more wires by plotting a graph of potential differences vs current
	4 th	2 and 3	Combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with or without dielectric medium between the plates ,energy stored in a capacitor (No derivation) UNIT-2 Current electricity Electric current, flow of electric charges in a metallic conductor drift velocity, mobility and their relation with electric current , Ohms law, electric resistance V-I characteristics (linear and non linear) Practical 1
May	1 st	3	Electric energy and power ,electric resistivity and conductivity, temperature dependence of resistance Internal resistance of a cell, potential difference and emf of a cell, Practical 2:metre bridge to determine resistance . Activities A1,A2
	2 nd	3	combination of cells in series and in parallel, Kirchoff’s laws and Wheatstone bridge .Practical 2
	3 rd	4	UNIT-3 Magnetic effects of current and magnetism Moving charges and magnetism : concept of magnetic field, Oersted’s experiments. Biot-Savart law and its application to current carrying circular loop Practical 3:To verify combination of resistors (series /parallel) using metre bridge
June	4 th	4	Amperes law and its application to infinitely long straight line, straight solenoids Force on a moving charge in uniform magnetic and electric fields, Force on a current carrying conductor in a uniform magnetic field, force between two parallel current carrying conductors- definition of one ampere. Practical 3

	5th	4	<p>Torque experienced by a current loop in uniform magnetic field , moving coil galvanometer its current sensitivity and conversion to ammeter and voltmeter</p> <p>Magnetism and matter</p> <p>Bar magnet, magnetic field intensity due to a magnetic dipole along its axis and perpendicular to its axis(no mathematical treatment),</p> <p>Practical 4:To determine angle of minimum deviation in case of a prism by plotting a graph between i and d</p> <p>Activities A3,A4</p>
July	I st	5	<p>Magnetic properties of materials-Para, dia and ferromagnetic substances with examples, magnetisation of materials, effect of temperature on magnetic properties.</p> <p>Practical 4</p>
	2nd	6	<p>UNIT IV. Electromagnetic induction and alternating currents. Electromagnetic induction , Faraday's laws , induced emf and current. Lenz laws, Practical 5To determine the focal length of a concave mirror. Revision for first periodic test</p>
	3rd	6	<p>Self and mutual induction. Alternating current</p> <p>Alternating currents, peak and RMS value of alternating current voltage.</p> <p>Practical 5</p>
	4th	7	<p>Resistance and impedance ,</p> <p>LCR circuits in series(Phasors only)Resonance, Practical 6To determine focal length of convex lens by plotting a graph between u and v or between $1/u$ and $1/v$</p>
	5th	7	<p>Power in ac circuits, power factors, wattless current</p> <p>A.C generators and transformers</p> <p>Practical 6</p>
August	I st	7 and 8	<p>UNIT V Electromagnetic waves</p> <p>Basic idea of displacement current, electromagnetic waves, their characteristics, their transverse nature, electromagnetic spectrum including elementary facts about their uses.</p> <p>UNIT VI OPTICS</p> <p>Ray optics and optical instruments</p> <p>Reflection of light, spherical mirrors, mirror formula, Practical 7 To determine focal length of convex mirror using convex lens</p> <p>Activities B1,B2</p>
	2nd	9	<p>refraction of light, total internal reflection and its applications, optical fibre, refraction at spherical surfaces. Lenses , lens formula, lens makers formula, magnification , Practical 7</p>
	3rd	9	<p>power of a lens, combination of thin lenses in contact, Refraction and dispersion of light through the prism</p>
	4th	9	<p>Optical instruments : microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.</p> <p>Wave optics</p> <p>Wave front and Huygens principle. Reflection and refraction of plane wave at a plane surface using wave fronts. Proof of laws of reflection and refraction using Huygens principle.</p> <p>Half yearly practical examination</p>
	5th	10	<p>Wave optics</p> <p>Wave front and Huygens principle. Reflection and refraction of plane wave at a plane surface using wave fronts. Proof of laws of reflection and refraction using Huygens principle.</p> <p>Half yearly practical examination.</p>

September	I st	10	Interference .Young's double slit experiment and expression for bright and dark fringes fringe width(No derivation final expression only)coherent sources and sustained interference of light Revision
	2 nd		HALF YEARLY EXAMINATION
	3 rd	10	Diffraction due to single slit(only qualitative treatment , width of central maximum(qualitative treatment only)
	4 th	11	UNIT VII :Dual nature of matter and radiation photoelectric effect, Hertz and Leonard observations
October	1 st		Einstein's photoelectric equation-particle nature of light. Matter waves -wave nature of particle, de -Broglie relation
October	3 rd	12	.UNIT –VIII Atoms Alpha particle scattering experiment , Rutherford Model of atom, Bohr's model of hydrogen atom, expression for radius of nth possible orbit, velocity and energy of electron in its orbit
	4 th	13	Nucleus-Composition and size of nucleus ,nuclear force Mass-energy relation ,mass defect; binding energy per nucleon and its variation with mass number, nuclear fission and fusion
nov	1 st	14	Practical 8 UNIT –IX – Electronic devices Energy bands in solids- conductor insulator and semi-conductors (qualitative idea only)intrinsic semi conductors Practical8:To study characteristics of p.n. junction diode in forward and reverse bias Activities B3,B4
November	2 nd and 3 rd	14	extrinsic semi conductors p and n type, p-n junction diodes, I-V characteristics in forward and reverse bias, application of junction diode as a rectifier practical 8
	4 th		Revision

Exam	Name of the chapters	weightage
I periodic test	Unit 1 Electrostatics	18
	Unit- 2 Current electricity	14
	Unit 3 Magnetic effect of electric current and magnetism	18
Half yearly	Unit 1 Electrostatics	18
	Unit 2 Current electricity	14
	Unit 3 Magnetic effect of electric current and magnetism	17
	Unit 4 Electromagnetic induction and a.c	16
	Unit 5 Electromagnetic waves	05
II Periodic test	Unit -6 Optics	28
	Unit -7 Dual nature of matter and radiation	14
	Unit -8 Atoms (upto energy of electron in its orbit)	08
I PRE BOARD	Unit -6 Optics	26
	Unit -7 Dual nature of matter and radiation	15

	Unit 8 Atoms and nuclei	13
	Unit 9 Semi conductors and electronic devices	16
II PRE BOARD	Unit 1 Electrostatics	9
	Unit 2 Current electricity	7
	Unit 3 Magnetic effect of electric current and magnetism	9
	Unit 4 Electromagnetic induction and a.c	8
	Unit 5 Electromagnetic waves	3
	Unit 6 Optics	15
	Unit 7 Dual nature of matter and radiation	6
	Unit 8 Atoms and nuclei	6
	Unit 9 Electronic devices	7

PORTION FOR MONDAY TESTS ,HALF YEARLY AND PREBOARDS

I PERIODIC TEST

UNIT 1 ELECTROSTATICS

UNIT 2 CURRENT ELECTRICITY

UNIT 3 MAGNETIC EFFECT OF ELECTRIC CURRENT AND MAGNETISM

HALF YEARLY EXAMINATION

UNIT 1 ELECTROSTATICS

UNIT 2 CURRENT ELECTRICITY

UNIT 3 MAGNETIC EFFECT OF ELECTRIC CURRENT AND MAGNETISM

UNIT 4 ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENT

UNIT 5 ELECTROMAGNETIC WAVES

II PERIODIC TEST

UNIT 6 OPTICS

UNIT 7 DUAL NATURE OF MATTER AND RADIATION

UNIT 8 ATOMS(UP TO ENERGY OF ELECTRON IN ITS ORBIT)

FIRST PRE BOARD EXAM

UNIT 6 OPTICS

UNIT 7 DUAL NATURE OF MATTER AND RADIATION

UNIT 8 ATOMS AND NUCLEI

UNIT 9 ELECTRONIC DEVICES

II PRE BOARD EXAM

UNIT 1 ELECTROSTATICS

UNIT 2 CURRENT ELECTRICITY

UNIT 3 MAGNETIC EFFECT OF ELECTRIC CURRENT AND MAGNETISM

UNIT 4 ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENT

UNIT 5 ELECTROMAGNETIC WAVES

UNIT 6 OPTICS

UNIT 7 DUAL NATURE OF MATTER AND RADIATION

UNIT 8 ATOMS AND NUCLEI

UNIT 9 ELECTRONIC DEVICES

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

YEAR	MONTH	WEEK	CHAPTER NAME AND TOPIC
2024	March	3 11th -15th	Chapter 1: Variations in Psychological Attributes 1. Introduction 2. Individual Differences in Human Functioning 3. Assessment of Psychological Attributes – Some Domains of Psychological Attributes
2024	March	4 18th-22nd	– Assessment Method 4. Intelligence 5. Theories of Intelligence – Theory of Multiple Intelligences
2024	April	1 1st-5th	– Triarchic Theory of Intelligence, – Planning, Attention-Arousal and Simultaneous Successive Model of Intelligence 6. Individual Differences in Intelligence
2024	April	2 8th-12th	– Variations of Intelligence – Some Misuses of Intelligence Tests 7. Culture and Intelligence 8. Emotional Intelligence
2024	April	3 15th-19th	– Characteristics of Emotional Intelligent Persons 9. Special Abilities: Aptitude: Nature and Measurement 10. Creativity – Creativity and Intelligence
2024	April	4 22nd-30th	Chapter 2: Self and Personality 1. Introduction 2. Self and Personality 3. Concept of Self 4. Cognitive and Behavioural Aspects of Self – Self-esteem, Self-efficacy and Self-regulation
2024	May	1 1st-3rd	5. Culture and self 6. Concept of personality – Personality-related Tests 7. Major approaches to the study of personality
2024	May	2 6th-10th	– Type Approach – Trait Approach Five-Factors Model of Personality – Psychodynamic Approach
2024	May	3 13th-17th	– Behavioural Approach – Cultural approach – Humanistic approach

			– Who is a Healthy Person?
2024	June	3 20th-21st	8.Assessment of Personality – Self-report Measures – Projective Techniques – Behavioural Analysis
2024	June	4 24th- 28th	Chapter 3:Meeting Life Challenges 1. Introduction 2. Nature, Types and Sources of Stress – A Measure of Stressful Life Events
2024	July	1 1st-5th	3.Effects of Stress on Psychological Functioning and Health – Examination Anxiety – Stress and Health – General Adaptation Syndrome – Stress and Immune System
2024	July	2 8th-12th	– Lifestyle 4.Coping With Stress – Stress Management Techniques 5.Promoting Positive Health and Well-being – Life Skills – Resilience and Health
2024	July	3 15th-20th	1st Periodic Test (Chapter 1 & 2) Chapter 4: Psychological Disorders 1. Introduction 2.Concepts of Abnormality and Psychological Disorders
2024	July	4 22nd-26th	3. Classification of Psychological Disorders 4. Factors Underlying Abnormal Behaviour 5.Major Psychological Disorders – Anxiety Disorders – Obsessive-Compulsive and Related Disorders
2024	July	5 29th-31st	–Trauma-and Stressor- Related Disorders – Somatic Symptom and Related Disorders – Dissociative Disorders
2024	August	1 1st-2nd	– Salient Features of Somatic Symptom and Related Disorders and Dissociative Disorders – Depressive Disorders
2024	August	2 5th-9th	– Bipolar and Related Disorders – Schizophrenia spectrum and other psychotic disorders – Neurodevelopmental disorders – Disruptive, Impulse-Control and Conduct Disorders – Feeding and eating disorder

2024	August	3 12th-16th	<ul style="list-style-type: none"> – Substance related and addictive disorders – Effects of Alcohol – Commonly Abused Substances Chapter 5: Therapeutic Approaches <ol style="list-style-type: none"> 1.Introduction 2. Nature and Process of Psychotherapy <ul style="list-style-type: none"> – Therapeutic relationship
2024	August	4 18th-20th	<ol style="list-style-type: none"> 3.Types of Therapies <ul style="list-style-type: none"> –Steps in the Formulation of a Client's Problems – Behaviour Therapy – Relaxation Procedures
2024	September	2 2nd-6th	Revision Chapter 1,2,3 & 4
2024	September	3 & 4 9th-20th	Half Yearly Examination Chapter 1,2,3 & 4
2024	September	5 23rd-30th	<ul style="list-style-type: none"> – Cognitive Therapy – Humanistic existential therapy – Alternative Therapies <ol style="list-style-type: none"> 4. Rehabilitation of the Mentally Ill
2024	October	1 1st-4th	Chapter 6:Attitude and Social Cognition <ol style="list-style-type: none"> 1. Introduction 2. Explaining Social Behaviour 3. Nature and Components of Attitudes
2024	October	2 7th-8th	<ul style="list-style-type: none"> – A Green Environment :The A-B-C Components of an Attitudes 4. Attitude formation and change – Attitude formation
2024	October	3 14th-18th	<ul style="list-style-type: none"> – Attitude Change – Telling a Lie for Twenty Dollars – Attitude-Behaviour Relationship 5.Prejudice and discrimination 6.Strategies for handling prejudice
2024	October	4 21st-25th	Chapter 7: Social influence and group processes <ol style="list-style-type: none"> 1. Introduction 2. Nature and Formation of Groups – Groupthink 3. Type of Groups
2024	October	5 28th-31st	<ul style="list-style-type: none"> – The Minimal Group Paradigm Experiments 4. Influence of Group on Individual Behaviour – Groupthink 3. Type of Groups
2024	November	3	– The Minimal Group Paradigm Experiments

		11th-14th	4. Influence of Group on Individual Behaviour – Social loafing – Group polarisation
2024	November	4 & 5 18th-30th	Revision Chapter 5,6 & 7
2024	December	3	1st Pre-Board Chapter 5,6 and 7
2024	January	1	2nd Pre-Board Entire Portion

PORTION FOR EXAMINATION

1st PREODIC TEST

Chapter 1: Variations in Psychological Attributes

Chapter 2: Self and Personality

HALF YEARLY EXAMINATION

Chapter 1: Variations in Psychological Attributes

Chapter 2: Self and Personality

Chapter 3: Meeting Life Challenges

Chapter 4: Psychological Disorders

FIRST PRE-BOARD EXAMINATION (2024-2025)

Chapter 5: Therapeutic Approaches

Chapter 6: Attitude and Social Cognition

Chapter 7: Social Influence and Group Processes

SECOND PRE-BOARD EXAMINATION (2024-2025)

Entire Portion of the syllabus

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

MONTH 2024-25	WEEK	UNIT NO.	CHAPTER / TOPIC
MARCH-2024-25	3 RD	1st Unit- DISPLAY OF PRODUCTS AND SATISFY CUSTOMER NEEDS	SESSION1: DISPLAY OF PRODUCTS AND SATISFY CUSTOMER NEEDS Creating attractive Display: Idea about store, Display Tool Box-Element of effective visual Merchandising - Supermarket Display Techniques- Retail Luxury Products Display Methods
	4 TH	1st Unit	SESSION 1: DISPLAY OF PRODUCTS AND SATISFY CUSTOMER NEEDS(Contd.) Effective Merchandising- Managing spaces- Display Suggestion- Basic Merchandising Rules- Sample sales floor plan-Promotional activities-
	5 TH	1st Unit	SESSION 1: DISPLAY OF PRODUCTS AND SATISFY CUSTOMER NEEDS (Contd Display of Promotion- Preparing a Store for a Sale: Preparing Self for sell-Establishing Customer needs- Principle of Retail Shoppability
APRIL-2024-25	1 ST	1st Unit	SESSION 2: SALE AND DELIVERY OF PRODUCTS 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 ND	1st Unit	SESSION 3: MAINTENANCE OF STORE AREAS AND COMMUNICATE EFFECTIVELY WITH STAKEHOLDERS Maintenance and Cleaning of Store area- Objectives-Developing maintenance and assets Management Strategies- Communicating effectively with Stakeholders- Communication Strategies
	3 RD	1st Unit	SESSION 4: DUTIES & RESPONSIBILITIES OF SALES SUPERVISOR Characteristics of a Sale Supervisor-Duties of A Sale Supervisor- Responsibilities of a Sale Supervisor- Classification of Supervisor

	4 TH	1 st Unit	SESSION 4: DUTIES & RESPONSIBILITIES OF SALES SUPERVISOR (Contd.) Functions (Managerial, Administrative & Miscellaneous) and Responsibilities of a Sales Manager, Leadership attributes and Skill in retail Industry- Leadership Attributes Table
MAY-2024-25	1 ST	Unit 2- NON- STORE RETAILING	SESSION 1: E-Retailing Logistics 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 ND	Unit-2	SESSION 1: E-Retailing Logistics(Contd.) Significance and role of ICT in E- Retailing- Factors contributing to success of E-Retailing- Safety requirement in E-Retailing
	3 RD	Unit-2	SESSION 2: E-MARKETING Attributes – Dimension of E- Marketing- E-Mail marketing Classification- Advantage & Disadvantages– E-mail Marketing- 7Cs of E-Marketing- Traditional Marketing Vs E-Marketing
	4 TH		SUMMER VACATION
	5 TH		SUMMER VACATION
JUNE-2024-25	1 ST		SUMMER VACATION
	2 ND		SUMMER VACATION
	3 RD		SUMMER VACATION
	4 TH	Unit-2	SESSION 3: TELEMARKETING Meaning – Importance- Call Centres- Advantages & Disadvantages of Telemarketing- Scope of Telemarketing- Essentials of Successful Telemarketing
	5 TH	Unit-2	SESSION 4: INTERNET BUSINESS Meaning- Internet Business Subsets-Internet Business Model- Classifications- Issues of Internet Business-Common Security Measures & Security Solutions

JULY-2024-25	1 ST	Unit 3- RETAIL POINT-OF-SALE: AN OVERVIEW	SESSION 1: UNDERSTANDING COMPONENTS OF POINT-OF-SALES Components of Point-of- Sale SESSION 2: UNDERSTANDING THE PROCESS OF POINT-OF-SALE Process involved in Transacting at check-out- point SESSION 3: LEARNING POINT OF SALE MARKETING Types of Point-Of –Sale Marketing & Importance of POS
	2 ND	Employability Skills	SESSION 1: Communication Skill- Listening Skill-Factors affecting active Listening Skill- Stages of Listening(Communication)- Barriers of Effective Listening SESSION 2: Parts of Speech- Sentence- Phrase; Rules of Capitalisation & Punctuation- Supportive Parts of Speech-Articles, Conjunctions, Preposition, Interjections SESSION 3: Sentence Construction, Types of Sentences (Voice)
			FIRST PERIODIC TEST 2024-25
	3 RD	Self Management Skills	SESSION 1: Management Skills , Motivation& Attitude- ways to maintain positive outlook- Stress Management SESSION 2: Result Orientation Skill – Meaning, Becoming Result Oriented- Goal setting SESSION 3: Self Awareness- Meaning-Self awareness& Personality – Personality Disorder
	4 TH	ICT Skills	SESSION 3: Working with Data and Formatting Text-using Spreadsheet- Mathematical Operation using formulas
	5 TH	ICT Skills	SESSION 4: Advanced features of Spreadsheet Sorting –Filtering Data, Protecting Spreadsheet with Password SESSION 5: Presentation Software: Libre Office, MS Office, Open Office Impress, Google Slides, Apple Keynote

AUGUST-2024-25	1 ST	Unit 4 - BILLING AND ACCOUNTING PROCEDURES IN RETAILING	SESSION 1: Billing Procedures 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 ND	Unit 4	SESSION 2: Fundamentals of Accounting Meaning, Objective, Characteristics, Function of accounting-Book keeping- Classification of account and Rule of entry of transaction in accounts
	3 RD	Unit 4	SESSION 2: Fundamentals of Accounting(Contd.) Types of accounting- System/Bases of accounting-Accounting Information – User of accounting Information– Accounting Principles: Concepts & Convention – Advantages & Limitation of Accounting
	4 TH	Unit 4	SESSION 3: Journal, Ledger and Subsidiary Books Meaning of Journal- Features- Proforma- Recording Transaction in Journal Ledger-Meaning, Necessity- preparation
	5 TH	Unit 4	SESSION 3: Journal, Ledger and Subsidiary Books(Contd.) 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 ST	Unit 4	SESSION 3: Journal, Ledger and Subsidiary Books(Contd.) Trial Balance- Bank reconciliation Statement- Need- Advantage &Preparation
	2 ND		HALF YEARLY EXAMINATION
	3 RD		HALF YEARLY EXAMINATION
	4 TH	Unit-4	SESSION 4: Trading, Profit & Loss Account and Balance Sheet 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 ST	Unit 4	SESSION 4: Trading , Profit & Loss Account and Balance Sheet (Contd.) Preparation of Trading and Profit & Loss Account- Balance Sheet
	2 ND		DUSHERA HOLIDAY
	3 RD	Unit 5 - INVENTORY HANDLING	SESSION 1: Understanding the basics of Inventory Handling Need of maintaining Inventory- Inventory Control Method-Special terms in Inventory Management SESSION 2/ 3: Understanding the Process of Inventory Handling- I & II Steps involved in Inventory Handling
	4 TH	Entrepreneurship Skill	SESSION 1: Meaning of Entrepreneur & Entrepreneurship- Characteristics- Qualities of a Successful Entrepreneur- Types of Entrepreneur- Role & functions of an Entrepreneur
NOVEMBER-2024-25	1 ST	Entrepreneurship Skill	SESSION 2: Barriers to Entrepreneurship- Types and effect SESSION 3: Entrepreneurial Attitude
	2 ND	Entrepreneurship Skill	SESSION 4: Entrepreneurial Competencies
			DIPAWALI
	3 RD	Entrepreneurship Skill	SESSION 1(Contd.): Factors/ Qualities that motivates an Entrepreneur- Risk Evaluation- Start Ups
	4 TH	Green skill	SESSION 1: Meaning of Green Jobs- Benefits of Green Job- Areas of Green Job
	5 TH	Green skill	SESSION 2: Importance of Green Job Minimising waste and Pollution- Protecting & Restoring Ecosystem- Adapting to the effects of Climate Change
DECEMBER-2024-25	SYLLABUS COMPLETION		

PORTION FOR PERIODIC TEST

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

CLASS–XII(SESSION2024-2025)

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

RETAIL(SUBJECTCODE801) ClassXII(Session2024-25)			
	UNITS	NO.OF HOURS For Theory and Practical	MAX.MARKS for Theory and Practical
PartA	EmployabilitySkills		10
	Unit 1: CommunicationSkills-IV	13	
	Unit 2: Self-ManagementSkills-IV	07	
	Unit3:ICTSkills-IV	13	
	Unit4:EntrepreneurialSkills-IV	10	
	Unit5:GreenSkills-IV	07	

	Total	50	10
PartB	SubjectSpecificSkills		
	Unit-1:Displayof Product & Satisfycustomer Needs	12	6
	Unit-2:Non- StoreRetiling	13	6
	Unit-3:RetailPoint–ofSale:AnOverview	35	13
	Unit-4:Billing andAccounting	35	13
	Unit-5:InvestorHandling	25	12
	Total	120	50
PartC	PracticalWork		
	Project	90	10
	Viva		05
	PracticalFile		15
	DemonstrationofskillcompetencyviaLab Activities		10
	Total	90	40
	GRANDTOTAL	260	100

MGM HIGHER SECONDARY SCHOOL, B.S.CITY
SYLLABUS BREAK-UP YEAR 2024-2025
CLASS – XII
SUBJECT – SOCIOLOGY

YEAR/ MONTH	WEEK	CHAPTER NO.	CHAPTERS/TOPICS
2024 MARCH	2 nd	Chapter–2 The Demographic Structure Of Indian Society	Unit 2: The Demographic Structure of the Indian Society: Theories And Concepts Of Demography, Malthusian Theory Of Population Growth.
	3 rd	Chapter–2 The Demographic Structure Of Indian Society	Theory Of Demographic Transition, Common Concept And Indicators, Size And Growth Of India's Population.
	4 th	Chapter–2 The Demographic Structure Of Indian Society	Decline Sex Ratio In India
2024 APRIL	1 st	Chapter–2 The Demographic Structure Of Indian Society	Population Policies In India.
	2 nd	Chapter–3 Social Institutions: Continuity And Change	Unit 3: Social Institutions: Continuity and Change Caste And Caste System, Caste In The Past, Common Features Of Caste, Colonialism In Caste.
	3 rd	Chapter–3 Social Institutions: Continuity And Change	Caste In The Present, Tribal Communities, Classification Of Tribal Societies, Permanent Traits, Acquired Traits.
	4 th	Chapter–3 Social Institutions: Continuity And Change	Mainstream Attitude Towards Tribes, National Development Vs. Tribal Development, Tribal Identity Today.
	5 th	Chapter–3 Social Institutions: Continuity And Change	Family And Kinship, Nuclear And Extended Family, The Diverse Forms Of Family.
2024 MAY	1 st	Chapter- 5: Patterns Of Social Inequality And Exclusion	Unit 5: Patterns of Social Inequality and Exclusion Social In equality And Social Exclusion, Key Principles To Explain Social Stratifications, Term Prejudice, Stereotype and Discrimination.
	2 nd	Chapter- 5: Patterns Of Social Inequality And Exclusion	Caste And Tribe, Systems Justifying And Perpetuating Inequality And Struggles, Caste System As Discriminatory System, Untouchability.
	3 rd	Chapter- 5: Patterns Of Social Inequality And Exclusion	State And Non– State Initiatives Addressing Caste And Terms Discrimination, Other Backward Classes, Adivasi Struggles, Struggle For Women's Equality And Rights, Struggle Of The Differently Able.

2024 JUNE	4 th	Chapter–6 The Challenges Of Cultural Diversity	Unit 6: The Challenges of Cultural Diversity Cultural Communities And The Nation State, Importance Of Community Identity,
	5 th	Chapter–6 The Challenges Of Cultural Diversity	Communities, Nations And Nation States, Cultural Diversity And Indian Nation State.
2024 JULY	1 st	Chapter–6 The Challenges Of Cultural Diversity	Fostering Cultural Diversity, Strengthened Faith In The Indian State, Regionalism In The Indian Context.S
	2 nd	Chapter–6 The Challenges Of Cultural Diversity Chapter–7	The Nation State And Religion Related Issues And Identities, Minority Rights Nation Building, State And Civil Society. (Project Work)
	3 rd	Chapter–8 Structural Change	Unit 8: Structural Change Colonial Experience, Tea Plantation, Industrialization In Independent India
			PERIODIC TEST-1
	4 th	Chapter–8 Structural Change	Urbanization In Independent India.
	5 th	Chapter – 9 Cultural Change	Unit 9: Cultural Change Social Reform Movements In The 19 th And 20 th Century.
2024 AUGUST	1 st	Chapter – 9 Cultural Change	Different Social Reformers, How Do We Approach The Study Of Sanskritization, Westernization, Modernization And Secularization.
	2 nd	Chapter – 9 Cultural Change	Different Types Of Social Change, Sanskritization, Westernization, Modernization And Secularization.
	3 rd	Chapter–11 Change And Development In Rural Society	Unit 11: Change and Development in Rural Society Change And Developments In Rural Society, Agrarian Structure, Land Reforms.
	4 th	Chapter–11 Change And Development In Rural Society	Caste And Class In Rural India, Impact Of Land Reforms, Colonial Period, And Independent India.
	5 th	Revision	Revision for Half Yearly Exam
	1 st	Revision	Revision for Half Yearly Exam
2024 SEPTEMBER	2 nd	EXAM	Half Yearly Examination
	3 rd	EXAM	Half Yearly Examination
	4 th	Chapter–11 Change And Development In Rural Society	Green Revolution And Its Social Consequences, Transformation In Rural Society, Circulation Of Labour.
	5 th	Chapter–11 Change And Development In Rural Society	Globalization, Liberalization And Rural Society.
	1 st	Chapter–12 Change And Development In Industrial Society	Unit 12: Change and Development in Industrial Society Images Of Industrial Society, Industrialization In India, Industrialization In The Early Years Of India Independence.
2024 OCTOBER	2 nd	Chapter–12 Change And	Globalization, Liberalization And Changes In Indian Industry.

		Development In Industrial Society	
	3 rd	Chapter–12 Change And Development In Industrial Society	How People Find Jobs, How Work Is Carried Out, Working Conditions, Strikes And Unions.
	4 th	Chapter – 15 Social Movements	Unit 15: Social Movements Features Of Social Movements, Distinguishing Social Changes And Social Movement, Social Movements Important For Sociology.
	5 th	Chapter – 15 Social Movements	Theories And Classification Of Social Movements.
2024 NOVEMBER	2 nd	Chapter – 15 Social Movements	Types Of Social Movements, Reformists, Redemptive And Revolutionary, Distinguishing Between New And Old Social Movements.
	3 rd	Chapter – 15 Social Movements	Ecological Movements, Peasants Movements, Workers Movements, Dalits Movements, Backward Class Caste Movements And Women’s Movements In Independent India.
	4 th	Revision	Revision
	5 th	Revision	Completion of Syllabus & Revision
2024 DECEMBER	2 nd	EXAM	1st Pre-Board Examination
2024 JANUARY	1 st	EXAM	2nd Pre-Board Examination

NOTE: Chapter- 1, 4, 10, 13 and 14 (not for evaluation), deleted by CBSE in 2024-25.

PORTION OF EXAM FOR THE YEAR 2024-25

EXAM	CHAPTER NO.	NAME OF CHAPTER
1st Periodic Test	A.	INDIAN SOCIETY
	Chapter- 2	The Demographic Structure Of Indian Society
	Chapter-3	Social Institutions: Continuity And Change
	Chapter-5	Patterns Of Social Inequality And Exclusion
Half yearly exam	A.	INDIAN SOCIETY
	Chapter-2	The Demographic Structure Of Indian Society
	Chapter-3	Social Institutions: Continuity And Change
	Chapter-5	Patterns Of Social Inequality And Exclusion
	Chapter-6	The Challenges Of Cultural Diversity
	B.	SOCIAL CHANGE AND DEVELOPMENT IN INDIA
	Chapter-8	Structural Change
1st Pre-Board	B.	SOCIAL CHANGE AND DEVELOPMENT IN INDIA
	Chapter-9	Cultural Change
	Chapter- 11	Change And Development In Rural Society
	Chapter-12	Change And Development In Industrial Society
	Chapter-15	Social Movements

2nd Pre- board	Chapter- 2,3,5 & 6	Entire syllabus (Indian Society)
	Chapter- 8, 9,11,12 & 15	Entire syllabus (Social Change and Development in India)
