



MGD GIRLS' SCHOOL, JAIPUR
ANNUAL SYLLABUS
SESSION 2024-25
CLASS –XII

SUBJECT	MONTH	TOPICS
ENGLISH CORE (301)	APRIL	FLAMINGO The Last Lesson My Mother at Sixty Six VISTAS The Third Level WRITING SKILLS Notice
	MAY	FLAMINGO Lost Spring WRITING SKILLS Letter to the Editor
	JUNE	FLAMINGO The Rat Trap WRITING SKILLS Job Application
	JULY	FLAMINGO Indigo Deep Waters VISTAS The Tiger King Journey to the end of the Earth READING Unseen passage practice for comprehension
	ASSESSMENT-1	Syllabus covered from April to June
	AUGUST	FLAMINGO Keeping Quiet A Thing of beauty VISTAS The Enemy On the Face of it

		WRITING SKILLS Article writing
	SEPTEMBER	FLAMINGO Aunt Jennifer's Tigers Writing Skills Invitations and Replies
	ASSESSMENT-2	Syllabus covered from July to August
	OCTOBER	FLAMINGO Poets and Pancakes The Interview READING Report writing Unseen passage practice for comprehension
	NOVEMBER	FLAMINGO Roadside Stand VISTAS Memories of Childhood Going Places REVISION Unseen passage and writing skills
	DECEMBER	REVISION
	PREBOARD EXAMINATION	COMPLETE SYLLABUS
HINDI CORE (302)	APRIL/MAY	पाठ 1- 1.एक गीत 2.आत्मपरिचय पाठ 2 -1. पतंग पाठ 10- भक्तिन पाठ 11-बाज़ार दर्शन पाठ 1 सिल्वर वेडिंग (वितान) पाठ 3.विभिन्न माध्यमों के लिए लेखन (अभिव्यक्ति और माध्यम)
	MAY/ JUNE	पाठ 13-अप्रत्याशित लेखन
	JULY	पाठ 3 -1.कविता के बहाने 2.बात सीधी थी पाठ -4 कैमरे में बंद अपाहिज पाठ 12 - काले मेघा पानी दे पाठ 5 - विशेष लेखन –स्वरूप और प्रकार (अभिव्यक्ति और माध्यम) पाठ-6 कैसे बनती है कविता (अभिव्यक्ति और माध्यम) पाठ -2 जूझ (वितान) अपठित काव्यांश एवं गद्यांश आंतरिक मूल्यांकन गतिविधि

	ASSESSMENT-1	पाठ 1- 1.एक गीत 2.आत्मपरिचय पाठ 10- भक्तिन पाठ 11-बाज़ार दर्शन पाठ 3.विभिन्न माध्यमों के लिए लेखन (अभिव्यक्ति और माध्यम) पाठ 13-अप्रत्याशित लेखन
	AUGUST	पाठ 5 -उषा पाठ -6 बादल राग पाठ -13 पहलवान की ढोलक पाठ -14 शिरीष के फूल पाठ -3 अतीत में दबे पाँव (वितान) पाठ -7 नाटक लिखने का व्याकरण (अभिव्यक्ति और माध्यम) कार्यालयी पत्र-लेखन
	SEPTEMBER	पाठ 9- छोटा मेरा खेत, बगुलों के पंख पाठ -8 कैसे लिखें कहानी (अभिव्यक्ति और माध्यम) परीक्षा हेतु शंका-समाधान एवं पुनरावृत्ति
	ASSESSMENT-2	अप्रैल-सितम्बर तक का पाठ्यक्रम assessment-2 में दिया जाएगा
	OCTOBER	पाठ -7 तुलसीदास पाठ -8 रुबाईयाँ पाठ -15 बाबा साहब भीमराव आंबेडकर पाठ-11 कहानी का नाट्य- रूपांतर (अभिव्यक्ति और माध्यम) पाठ -12 कैसे बनता है रेडियो नाटक (अभिव्यक्ति और माध्यम)
	NOVEMBER	वाचन कौशल /अभिनय कौशल/ श्रवण कौशल /परियोजना कार्य
	DECEMBER	1) समस्त पाठ्यक्रम की पुनरावृत्ति 2) आन्तरिक मूल्यांकन
	PREBOARD EXAMINATION	अप्रैल -अक्टूबर तक का पाठ्यक्रम Preboard में दिया जाएगा
SANSKRIT CORE (322)	APRIL/MAY	अपठित अवबोधनम् संकेताधारितं पत्र लेखनम् संकेताधारितं लघुकथालेखनम् / संवादपूर्ति: संस्कृतभाषायां अनुवादः पाठः 1 अनुशासनम् , पाठः 5 दौवारिकस्य निष्ठा व्याकरण - संधिः (पाठाधारितम्), समासः (पाठाधारितम्) प्रत्ययाः , उपपदविभक्तिः
	JUNE	पाठः 3- मातुराज्ञा गरीयसी

JULY	साहित्यपरिचय - महाकाव्य , गद्यकाव्य , चम्पूकाव्य , नाट्य साहित्य पाठः 4 - प्रजानुरञ्जको नृपः व्याकरणम् - संधिः , प्रत्ययाः , समासः, उपपदविभक्तिः
AUGUST	पाठः6 - सूक्ति - सौरभम् पाठः 7- नैकेनापि समं गता वसुमती पाठः9 - मदालसा व्याकरणम् - पाठाधारितं संधिः , प्रत्ययाः , समासः, उपपदविभक्तिः आन्तरिक - मूल्याङ्कन गतिविधिः
ASSESSMENT-1	*पाठः 1 अनुशासनम् , * पाठः 5 दौवारिकस्य निष्ठा * व्याकरणम् (पाठाधारितम्) - संधिः , प्रत्ययाः , समासः, उपपदविभक्तिः * साहित्यपरिचय - महाकाव्य , गद्यकाव्य , चम्पूकाव्य , नाट्य साहित्य
SEPTEMBER	साहित्य परिचय - पाठाधारित कविपरिचय आन्तरिक - मूल्याङ्कन गतिविधिः पुनरावृत्तिः
ASSESSMENT-2	* पाठः 3- मातुराज्ञा गरीयसी * पाठः 4 - प्रजानुरञ्जको नृपः * पाठः6 - सूक्ति - सौरभम् * पाठः 7- नैकेनापि समं गता वसुमती * पाठः9 - मदालसा * व्याकरणम् - पाठाधारितं संधिः , प्रत्ययाः , समासः, उपपदविभक्तिः * अपठित अवबोधनम् * संकेताधारितं पत्र लेखनम् * संकेताधारितं लघुकथालेखनम् / संवादपूर्तिः * संस्कृतभाषायां अनुवादः * साहित्यपरिचय - महाकाव्य , गद्यकाव्य , चम्पूकाव्य , नाट्य साहित्य
OCTOBER	पाठः 11- कार्याकार्यव्यवस्थितिः व्याकरणम् - पाठाधारितं संधिः , प्रत्ययाः , समासः, उपपदविभक्तिः
NOVEMBER	पाठः 11- कार्याकार्यव्यवस्थितिः व्याकरणम् - पाठाधारितं संधिः , प्रत्ययाः , समासः, उपपदविभक्तिः
DECEMBER	पु नरावृत्तिः, शंका समाधान
PREBOARD EXAMINATION	बोर्डे निर्धारित समस्त पाठ्यक्रम

HISTORY (027)	APRIL	Chapter 1-Harappa Civilization
	MAY	Chapter2-Kings, Farmers and Towns
	JUNE	Chapter3-Early societies, kinship, caste and class
	JULY	Chapter 3 contd Chapter 4- Thinkers, beliefs and buildings
	ASSESSMENT 1	Assessment 1- Chapter 1,2,3
	AUGUST	Chapter 5-Through the eyes of travellers Chapter 6-Bhakti,Sufi traditions
	SEPTEMBER	Chapter 7-An imperial capital-Vijaynagr Chapter 8-Peasants, zamindars and state
	ASSESSMENT-2	Chapter 4,5
	OCTOBER	Chapter 9-colonialism and the country side Chapter-10-Rebels and the Raj
	NOVEMBER	Chapter11-Mahatma Gandhi and the national movement Chapter12-Framing of the constitution
	DECEMBER	Chapter-12 contd
PREBOARD EXAMINATION	Preboard- Chapter 1-12	
POLITICAL SCIENCE (028)	APRIL	Part A: Contemporary World Politics Ch 1- The End of Bipolarity Ch 2- Contemporary Centres of Power
	MAY	Part B: Politics in India since Independence Ch 1- Challenges of Nation-Building Ch 2- Era of One-Party Dominance PROJECT DISCUSSION
	JUNE	Part A: Contemporary World Politics Ch 3-Contemporary South Asia
	JULY	Part A: Contemporary World Politics Ch 4-International Organizations Part B: Politics in India since Independence Ch 3- Politics of Planned Development
	ASSESSMENT-1	Part A: Contemporary World Politics Ch 1- The End of Bipolarity Part B: Politics in India since Independence Ch 1- Challenges of Nation-Building
	AUGUST	Part A: Contemporary World Politics Ch 5- Security in Contemporary World Part B: Politics in India since Independence Ch 4- India's External Relations Ch 5- Challenges to and Restoration of the Congress System

	SEPTEMBER	Part B: Politics in India since Independence Ch 6- The Crisis of Democratic Order Ch 7- Regional Aspirations
	ASSESSMENT-2	Part A: Contemporary World Politics Chapter 1, 2, 3, 4, Part B: Politics in India since Independence Chapter 1, 2, 3, 4,
	OCTOBER	Part A: Contemporary World Politics Ch 6- Environment and Natural Resources Part B: Politics in India since Independence Ch 8- Recent Developments in Indian Politics
	NOVEMBER	Part A: Contemporary World Politics Ch 7- Globalization
	DECEMBER	REVISION
	PREBOARD EXAMINATION	Part A: Contemporary World Politics Chapter 1, 2, 3, 4, 5, 6, 7 Part B: Politics in India since Independence Chapter 1, 2, 3, 4, 5, 6, 7, 8 Complete syllabus as prescribed by the CBSE
GEOGRAPHY (029)	APRIL	Book -Fundamentals of Human Geography Ch 1-Human Geography Nature and Scope Ch 2-The World Population Distribution, Density and Growth Ch 3- Human Development
	MAY/ JUNE	Book -India People and Economy Ch 1-Population Distribution, Density, Growth and Composition Practical-Data and Sources of Data Collection Map Work - As Per Board Syllabus
	JULY	Book-Fundamentals of Human Geography Ch 4-Primary Activities Ch 5-Secondary Activities Ch 6 Tertiary Activities and Quaternary Activities. Ch 7 Transport Communication and Trade Ch 8 International Trade
	ASSESSMENT-1	Book-Fundamentals of Human Geography Ch 1,2,3, Map work as Per Board Syllabus Major Sea Ports and Major Air Ports of the World
	AUGUST	Book -India People and Economy Ch 2-Human Settlements Ch 3-Land Resources and Agriculture Ch 4-Water Resources
	SEPTEMBER	Book-India People and Economy Ch-5 Mineral and Energy Resources Ch-6 Planning and Sustainable Development in Indian Context Practical- Data Processing Practical- Representation of Data Practical-Spatial Information and Technology

	ASSESSMENT-2	Book-Fundamentals of Human Geography Ch-1,2,3,4,5,6,7,8 Book-India People and Economy Ch-1,2,3
	OCTOBER	Book -India People and Economy Ch 7-Transport and Communication Ch 8-International Trade
	NOVEMBER	Book -India People and Economy Ch-9 Geographical Perspective on Selected Issues
	DECEMBER	Revision
	PREBOARD EXAMINATION	Complete Syllabus
ECONOMICS (030)	APRIL	Macroeconomics: Unit 1: National Income and Related Aggregates
	MAY	Indian Economic Development Chapter. 1: Indian Economy on the eve of Independence
	JUNE	Macroeconomics: Unit 2: Money & Banking
	JULY	Macroeconomics: Unit 3: Determination of Income and Employment. Indian Economic Development: Chapter 2: Indian Economy 1950-90 Chapter 3: Economic Reforms Since 1991
	ASSESSMENT-1	Macroeconomics: Unit 1 Indian Economic Development: Chapter 1 & Chapter 2
	AUGUST	Macroeconomics: Unit 4: Government Budget & the Economy. Indian Economic Development: Current Challenges facing Indian Economy Chapter 4: Human Capital Formation in India. Chapter 5: Rural Development.
	SEPTEMBER	Indian Economic Development: Current Challenges facing Indian Economy – Chapter. 6: Employment: Growth, Informalisation and Other Issues
	ASSESSMENT-2	Macroeconomics: Unit 1, 2, 3 & 4 Indian Economic Development: Chapter. 1, 2, 3, 4, 5 & 6
	OCTOBER	Macroeconomics: Unit 5: Foreign Exchange Rate and Balance of Payments. Indian Economic Development: Current Challenges facing Indian Economy – Chapter 7-Environment and Sustainable Development

	NOVEMBER	Indian Economic Development: Chapter 8 : Development Experiences of India : A Comparison with Neighbours
	DECEMBER PREBOARD EXAMINATION	Macroeconomics: Unit 1, 2, 3, 4 & 5 Indian Economic Development: Chapter 1 to 8
HINDUSTANI MUSIC VOCAL (034)	APRIL/May	Unit1 Brief study of the following: - Alankar, Kan, Meend, Khatka, Murki, Gamak. Brief study of the following Gram, Murchhana, Alap, Tana. Practical One Drut Khayal with simple elaborations and few tanas in the following-Ragas-Bhairav, Bageshri, and Malkauns.
	JUNE	Unit 2 Historical development of Time Theory of Ragas Practical One Vilambit Khayal with simple elaborations and few Tanas in any two of the prescribed Ragas.
	JULY/AUGUST	Unit 3 Detail study of the following Sangeet Ratnakar Sangeet Parijat. Life sketch and Contribution of Faiyaz Khan, Bade Ghulam Ali Khan, Krishna Rao, Shankar Pandit Unit 4 Description of Prescribed Talas along with Tala Notation with Thah, Dugun, Tigun and Chaugun Jhaptala Rupak Dhamar Practical Ragas-Bhairav, Bageshri, and Malkauns. Tuning of Tanpura.
	ASSESSMENT-1	All portion completed till June
	AUGUST/ SEPTEMBER	Unit 4 Description of Prescribed Talas along with Tala Notation with Thah, Dugun, Tigun and Chaugun

		<p>Jhaptala Rupak Dhamar Tuning of Tanpura Practical One Tarana and one Dhamar with dugun andchaugun in any one of the prescribed Ragas. Recitation of the Thekas of Jhaptala, Rupak, and Dhamar with Dugun and Chaugun, keeping tala with hand beats.</p>
	ASSESSMENT-2	All portion completed till August
	OCTOBER/ NOVEMBER	<p>Unit 5 Critical study of Prescribed Ragas along with recognizing Ragas from phrases of Swaras and elaborating them excluding Raga Shuddha Sarang Writing in Notation the Compositions of Prescribed Ragas. • Bhairav • Bageshri • Malkauns Practical One Drut Khayal with simple elaborations and few tanas in the following Ragas-Bhairav, Bageshri, and Malkauns. Ability to recognize the Ragas from the Phrases of swaras</p>
	DECEMBER	Revision
	PREBOARD EXAMINATION	Complete Syllabus
HINDUSTANI MUSIC MELODIC INSTRUMENTS (035)	APRIL/ MAY	<p>Brief study of the following Gram, Murchhana, Alankar, Alap, Tana. Brief study of the following Gamak, Meend, Kan, krintan, Zamzama, Ghaseet, Sut.</p>
	JUNE/ JULY	<p>Study of the following classification of Ragas- Ancient Medievel and Modern Historical development of time Theory of Ragas Simple elaborating of following Raga Bhairav, Bageshri, and Malkauns</p>
	ASSESSMENT-1	All portion completed till June

	AUGUST	Detail study of the following- Sangeet, Ratnakar, Sangeet Parijat Life sketch and Contribution of Inayat Khan, Mushtaq Ali Khan, Alauddin Khan
	SEPTEMBER	Description of Prescribed Talas along with Tala Notation with Thah, Dugun, Tigun and Chaugun prescribed Talas: Jhaptala, Rupak
	ASSESSMENT-2	All portion completed till August
	OCTOBER	Critical study of Prescribed Ragas along with Recognizing Ragas phrases of Swaras and elaborating them Recitation of the thekas of jhaptal, rupak, tilwada, and dhamar, with dugun and chaugun keeping tala with hand beats
	NOVEMBER	Writing in Notation the Compositions of Prescribed Ragas: Bhairav, Bageshri, Malkauns Knowledge and structure of tuning of the instrument opted for.
	DECEMBER	Revision
	PREBOARD EXAMINATION	Complete Syllabus
PSYCHOLOGY (037)	APRIL	Chapter 1-Variation in Psychological Attributes
	MAY	Chapter 2-Self and Personality
	JUNE	Chapter 2-Self and Personality (continued)
	JULY	Chapter 3- Meeting Life Challenges
	ASSESSMENT-1	Chapter 1- Variation in Psychological Attributes, Chapter 2- Self and Personality
	AUGUST/ SEPTEMBER	Chapter 3- Meeting Life Challenges (Continued) Chapter 6- Attitude and Social Cognition
	ASSESSMENT-2	Chapter 1 -Variation in Psychological Attributes, Chapter 2 -Self and Personality Chapter 3- Meeting Life Challenges
	OCTOBER	Practical (Attitude, Adjustment) Chapter 4- Psychological Disorders Chapter 7-Social Influence and Group Processes

	NOVEMBER	Chapter 5- Therapeutic Approaches
	DECEMBER PREBOARD EXAMINATION	Chapter 1- Variation in Psychological Attributes Chapter 2- Self and Personality Chapter 3- Meeting Life Challenges, "Practical (Attitude, Adjustment) " Chapter 4- Psychological Disorders Chapter 5- Therapeutic Approaches Chapter 6- Attitude and Social Cognition Chapter 7-Social Influence and Group Processes
SOCIOLOGY (039)	APRIL	Book 1- Indian Society Ch 2- The Demographic Structure of Indian Society
	MAY	Ch 2- The Demographic Structure of Indian Society
	JUNE	Ch 3- Social Institutions: Continuity and Change
	JULY	Ch 5- Patterns of Social Inequality and Exclusion
	ASSESSMENT-1	Book 1- Ch 2 & 3
	AUGUST	Ch 6- The Challenges of Cultural Diversity Book 2: Social Change and Development Ch 1- Structural Change Ch 2- Cultural Change
	SEPTEMBER	Ch 4- Change and Development in Rural Society
	ASSESSMENT-2	Book 1-Ch 5 & 6 Book 2-Ch 2 & 4
	OCTOBER	Ch 5- Change and Development in Industrial Society
	NOVEMBER	Ch 8- Social Movements
	DECEMBER	Revision
		PREBOARD EXAMINATION
MATHEMATICS (041)	APRIL	Ch 3- Matrices Ch 4- Determinants Ch 12- Linear Programming
	MAY	Ch 5- Continuity and Differentiability
	JUNE	Ch 5- Continuity and Differentiability continued Ch 6- Application of Derivatives
	JULY	Ch 6- Application of Derivatives continued Ch 1- Relations and Functions

	ASSESSMENT-1	Matrices, Determinants, Linear Programming, Continuity and Differentiability, Application of Derivatives(half chapter)
	AUGUST	Ch 2- Inverse Trigonometric Functions Ch 7- Integrals Ch 8- Applications of Integrals
	SEPTEMBER	Ch 8- Applications of Integrals continued Ch 9- Differential Equations
	ASSESSMENT-2	Matrices, Determinants, Linear Programming, Continuity and Differentiability, Application of Derivatives, Relations and Functions, Inverse Trigonometric Functions, Integrals, Applications of Integrals
	OCTOBER	Ch 9- Differential Equations continued Ch 10- Vector Algebra Ch 11- Three Dimensional Geometry
	NOVEMBER	Ch 11- Three Dimensional Geometry continued Ch 13- Probability
	DECEMBER	Revision
	PREBOARD EXAMINATION	Matrices, Determinants, Linear Programming, Continuity and Differentiability, Application of Derivatives, Relations and Functions, Inverse Trigonometric Functions, Integrals, Applications of Integrals, Differential Equations, Vector Algebra, Three Dimensional Geometry, Probability
APPLIED MATHEMATICS (241)	APRIL	<ul style="list-style-type: none"> • Matrices • Determinants
	MAY	<ul style="list-style-type: none"> • Numerical Inequalities • Linear Programming
	JUNE	<ul style="list-style-type: none"> • Differentiation
	JULY	<ul style="list-style-type: none"> • Differentiation continued • Application of Derivatives
	ASSESSMENT-1	Matrices, Determinants, Differentiation, Applications of Derivatives
	AUGUST	<ul style="list-style-type: none"> • Integrals • Differential Equations.. • Numbers , Quantification and Numerical

		Applications
	SEPTEMBER	<ul style="list-style-type: none"> Inferential Statistics
	ASSESSMENT-2	Matrices, Determinants, Linear Programming, Numerical Inequalities, Differentiation, Applications of Derivatives, Integrals, Differential Equations, Numbers Quantification and Numerical Applications
	OCTOBER	<ul style="list-style-type: none"> Time based Data Perpetuity, Sinking funds, EMI, Returns, Growth and Depreciation
	NOVEMBER	<ul style="list-style-type: none"> Probability
	DECEMBER PREBOARD EXAMINATION	Matrices, Determinants, Linear Programming, Numerical Inequalities, Differentiation, Applications of Derivatives, Integrals, Differential Equations, Numbers Quantification and Numerical Applications, Inferential Statistics, Time based Data, Perpetuity, Sinking funds, EMI, Returns, Growth and Depreciation
PHYSICS (042)	APRIL	Unit I Electrostatics Activity 1. To determine resistivity of two / three wires by plotting a graph for potential difference versus current.
	MAY	Unit II Current Electricity Activity 2. To find resistance of a given wire / standard resistor using metre bridge
	JUNE	Unit II Current Electricity contd... Activity 3. To verify the laws of combination (series) of resistances using a metre bridge.
	JULY	Unit III: Magnetic effect of current and magnetism Activity 4. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit. Section A : Activity 1 and 2 Unit IV: EMI and AC

	ASSESSMENT-1	Unit I -Electrostatics Unit II -Current electricity
	AUGUST	Unit IV:EMI and AC(contd.) Unit V: Electromagnetic waves Unit VI:Optics(Ray optics) Activity 5. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation. Activity 6. To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$
	SEPTEMBER	Unit VI: Optics continued (Ray optics and Wave optics) Section A : Activity 3 Activity 7. To find the focal length of a convex mirror, using a convex lens.
	ASSESSMENT-2	Unit I -Electrostatics Unit II -Current electricity Unit III -Magnetic effect of current and magnetism Unit IV-EMI and AC Unit V-Electromagnetic waves Unit VI -Optics(Ray optics)
	OCTOBER	Unit VII: Dual nature of matter and radiation Unit IX-Electronic devices Section B: Activity 1 and 2 Activity 8. Study I-V characteristics curve of PN diode in forward bias and reverse bias.
	NOVEMBER	Unit IX -Electronic devices (continued) Unit VIII-Atoms and Nuclei Section B: Activity -3
	DECEMBER	Revision
	PREBOARD EXAMINATION	Unit I -Electrostatics Unit II -Current electricity Unit III -Magnetic effect of current and magnetism Unit IV-EMI and AC Unit V-Electromagnetic waves Unit VI-Optics Unit VII-Dual nature of matter Unit VIII-Atoms and Nuclei

		Unit IX-Electronic Devices
CHEMISTRY (043)	APRIL	Unit I: Solutions Unit II Electro Chemistry. ACTIVITY Functional groups: Alcohol, Acids, Aldehydes And Ketones
	MAY	Unit III: Chemical Kinetics. ACTIVITY Functional Groups: Phenols, Amines
	JUNE	Unit IV:d and f-block elements ACTIVITY Analysis of food components. Carbo hydrates,proteins,fats
	JULY	Unit IV:d and f-block elements continued Unit V: Co ordination compounds. ACTIVITY Preparation of F.A.S. Solution, Using this to find out the strength and molarity of KMnO_4 Solution
	ASSESSMENT-1	Unit I: Solutions Unit II Electro Chemistry. Unit III: Chemical Kinetics.
	AUGUST	UnitVI: Haloalkanes VII: Alcohols, phenols and ethers. ACTIVITY Preparation of Oxalic acid and to find out the molarity and strength of the given KMnO_4
	SEPTEMBER	VIII: Aldehydes, ketones and acids ACTIVITY Salt Analysis:To analyse the salt given
	ASSESSMENT-2	Unit I: Solutions Unit II Electro Chemistry. Unit III: Chemical Kinetics Unit IV: d and f-block elements continued Unit V: Co ordination compounds. Unit VI: Haloalkanes VII: Alcohols, phenols and ethers.
	OCTOBER	Unit IX: Amines Unit X: Biomolecules ACTIVITY Salt Analysis ; To analyse the salt given
	NOVEMBER	Revision and class tests Revision of practicals
	DECEMBER	Revision and class tests Revision of practicals

	PREBOARD EXAMINATION	<p>Unit I: Solutions</p> <p>Unit II Electro Chemistry.</p> <p>Unit III: Chemical Kinetics</p> <p>Unit IV: d and f-block elements</p> <p>Unit V: Coordination compounds.</p> <p>Unit VI: Haloalkanes</p> <p>VII: Alcohols, phenols and ethers.</p> <p>VIII: Aldehydes, ketones and acids</p> <p>Unit IX: Amines</p> <p>Unit X: Biomolecules</p>
BIOLOGY (044)	APRIL/MAY	<p>Unit-VI Reproduction</p> <p>Chapter 1: Sexual Reproduction in Flowering Plants</p> <p>Chapter 2: Human Reproduction</p> <p><i>Practical-</i></p> <ol style="list-style-type: none"> 1. Prepare a temporary mount to observe pollen germination 2. Flowers adapted to pollination by different agencies (wind, insects, birds). 3. Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice). 4. Meiosis in onion bud cell or grasshopper testis through permanent slides. 5. T.S. of blastula through permanent slides (Mammalian).
	JUNE/JULY	<p>Chapter 3: Reproductive Health</p> <p>Unit-VII Genetics and Evolution</p> <p>Chapter 4: Principles of Inheritance and Variation</p> <p>Chapter 5: Molecular Basis of Inheritance</p> <p><i>Practical-</i></p> <ol style="list-style-type: none"> 1. Mendelian inheritance using seeds of different colour/sizes of any plant. 2. Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness. 3. Controlled pollination - emasculation, tagging and bagging
	ASSESSMENT-1	<p>Unit-VI Reproduction</p> <p>Chapter 1: Sexual Reproduction in Flowering Plants</p> <p>Chapter 2: Human Reproduction</p>
	AUGUST	<p>Chapter-6: Evolution</p> <p>Unit-IX Biotechnology and its Applications</p> <p>Chapter-9: Biotechnology - Principles and Processes</p> <p>Chapter-10: Biotechnology and its Applications</p> <p><i>Practical-</i></p> <ol style="list-style-type: none"> 1. Prepare a temporary mount of onion root tip to study mitosis. 2. Isolate DNA from available plant material

	SEPTEMBER	Unit-VIII Biology and Human Welfare Chapter-7: Human Health and Diseases Chapter-8: Microbes in Human Welfare <i>Practical-</i> <i>1. Common disease-causing organisms like Ascaris, Entamoeba, Plasmodium, any fungus causing ringworm</i>
	ASSESSMENT-2	Unit-VI Reproduction Chapter 1: Sexual Reproduction in Flowering Plants Chapter 2: Human Reproduction Chapter 3: Reproductive Health Unit-VII Genetics and Evolution Chapter 4: Principles of Inheritance and Variation Chapter 5: Molecular Basis of Inheritance Chapter-6: Evolution Unit-IX Biotechnology and its Applications Chapter-9: Biotechnology - Principles and Processes Chapter-10: Biotechnology and its Applications
	OCTOBER	Unit-X Ecology and Environment Chapter-11: Organisms and Populations Chapter-12: Ecosystem Chapter-13: Biodiversity and Its Conservation <i>Practical-</i> <i>1. Study the plant population density by quadrat method.</i> <i>2. Study the plant population frequency by quadrat method.</i>
	NOVEMBER/ DECEMBER	REVISION
	PREBOARD EXAMINATION	Complete Syllabus as prescribed by CBSE
BIOTECHNOLOGY (045)	APRIL/MAY	Unit-V Protein and Gene Manipulation Chapter-1: Recombinant DNA Technology Introduction, Tool of Recombinant DNA technology, Making rDNA molecule, Introduction of recombinant DNA into host cells, Identification of recombinants, Polymerase Chain Reaction (PCR), DNA Sequencing <i>Practical:</i> <i>1. Use of special equipment in biotechnology</i> <i>2. Isolation of bacterial plasmid DNA</i> <i>3. Detection of DNA by gel electrophoresis</i>
	JUNE/JULY	Unit-V Protein and Gene Manipulation Chapter-2: Protein Structure and Engineering Introduction to the world of proteins, Structure-function Relationship in proteins, Characterization of proteins, Protein based products, Designing proteins (Protein Engineering)

	<p><i>Practical</i></p> <p>4. Isolation of bacteria from curd & staining of bacteria</p> <p>5. Cell viability assay using Evan's blue dye exclusion method</p>
ASSESSMENT-1	<p>Unit-V Protein and Gene Manipulation Chapter-1: Recombinant DNA Technology</p>
AUGUST	<p>Unit-VI Cell Culture and Genetic Manipulation Chapter-1: Microbial Cell Culture and its Applications Introduction, Microbial nutrition and culture techniques, Measurement and kinetics of microbial growth, Isolation of microbial products, Strain isolation and improvement, Applications of microbial culture technology</p> <p>Ch 2. Plant Cell Culture & Its application- Introduction, Cell and tissue culture techniques, <i>Practical</i></p> <p>6. Reading of a sequence of autoradiograph and arrive at the sequence</p>
SEPTEMBER	<p>Unit VI: Cell culture & Genetic Manipulation Ch 2. Plant Cell Culture & Its application- Applications of cell and tissue culture, Transgenic plants with beneficial traits, Biosafety of transgenic plants</p>
ASSESSMENT-2	<p>Unit-V Protein and Gene Manipulation Chapter-1: Recombinant DNA Technology Unit-V Protein and Gene Manipulation Chapter-2: Protein Structure and Engineering Unit-VI Cell Culture and Genetic Manipulation Chapter-1: Microbial Cell Culture and its Applications</p>
OCTOBER	<p>Unit IV: Protein and Gene Manipulation Ch.5 Genomics of Bioinformatics <i>Practical</i></p> <p>7. Data Retrieval and data base search using NCBI and download a DNA & protein sequence from internet. Analyze and comment on it</p>
NOVEMBER	<p>Unit VI: Cell culture & Genetic Manipulation Ch 3. Animal cell culture and its application</p>
DECEMBER	Revision
PREBOARD EXAMINATION	<p>Unit-V Protein and Gene Manipulation Chapter-1: Recombinant DNA Technology Unit-V Protein and Gene Manipulation Chapter-2: Protein Structure and Engineering Unit-VI Cell Culture and Genetic Manipulation Chapter-1: Microbial Cell Culture and its Applications Unit-IV: Protein and Gene Manipulation Ch.5 Genomics of Bioinformatics Unit-VI: Cell culture & Genetic Manipulation</p>

		Ch-3. Animal cell culture and its application
PHYSICAL EDUCATION (048)	APRIL	1. Management of Sporting Events
	MAY/JUNE	2. Children & Women in Sports
	JULY	3. Yoga as preventive measure for lifestyle disease 4. Physical education & sports for cwsn (children with special needs- divyang)
	ASSESSMENT-1	1. Management of Sporting Events 2. Children & Women in Sports
	AUGUST	5. Sports & Nutrition 6. Test & Measurement in Sports
	SEPTEMBER	7. Physiology & Injuries in Sports
	ASSESSMENT-2	Unit-1,2,3,4,5 & 6
	OCTOBER	8. Biomechanics & Sports 9. Psychology & Sports
	NOVEMBER	10. Training in Sports
	DECEMBER	Revision
	PREBOARD EXAMINATION	Unit-1,2,3,4,5, 6,7,8,9,10
PAINTING (049)	APRIL	Introduction to miniature paintings, Rajasthani school of miniature painting PRACTICAL Sketches, lay out for compositions
	MAY	Pahari School PRACTICAL Sketches, lay out for compositions
	JUNE/ JULY	Mughal school STILL LIFE- Object settings with Drapery COMPOSITION- Daily life, games and sports activities
	ASSESSMENT-1	Theory : 1. Introduction to miniature paintings, Rajasthani school of miniature painting 2. Pahari School
	AUGUST	Deccan school STILL LIFE- Object settings with Drapery COMPOSITION- Fantasy, affairs of family and friends
	SEPTEMBER	Bengal School -Object settings with drapery -Social and national events and celebrations

	ASSESSMENT-2	Theory : 1. Introduction to miniature paintings, Rajasthani school of miniature painting 2. Pahari School 3. Mughal school 4. Deccan school PRACTICAL : 1.COMPOSITION 2.STILL LIFE
	OCTOBER	Evolution of Indian national flag and freedom struggle PRACTICAL -Object settings with drapery -Composition of your choice and cultural events and celebrations
	NOVEMBER	Modern trends in Indian art PRACTICAL -Object settings with drapery -Professionals and professions
	DECEMBER	Revision and practice PRACTICAL Revision and practice
	PREBOARD EXAMINATION	Theory : 1. Introduction to miniature paintings, Rajasthani school of miniature painting 2. Pahari School 3. Mughal school 4. Deccan school 5.Bengal School 6.Evolution of Indian national flag and freedom struggle 7.Modern trends in Indian art PRACTICAL : COMPOSITION STILL LIFE
COMMERCIAL ART (052)	APRIL	Introduction to miniature paintings, Rajasthani school of miniature painting PRACTICAL Sketches, layouts for illustrations
	MAY	Pahari School PRACTICAL Sketches, layouts for illustrations
	JUNE /JULY	Mughal school PRACTICAL Posters-Tourism, own choice -2 Illustrations-Friend and family and daily life
	ASSESSMENT-1	Theory : 1. Introduction to miniature paintings, Rajasthani school of miniature painting 2. Pahari School
	AUGUST	Deccan school PRACTICAL

		-Cultural activities -Professionals and professions
	SEPTEMBER	Bengal School PRACTICAL -Community development commercial product -Games and sports , nature
	ASSESSMENT-2	Theory 1. Introduction to miniature paintings, Rajasthani school of miniature painting 2. Pahari School 3. Mughal school 4. Deccan school Practical Poster illustration
	OCTOBER	Evolution of Indian national flag and freedom struggle PRACTICAL -Idea - social national , international National events and celebrations - dance drama culture
	NOVEMBER	Modern trends in Indian art PRACTICAL Mounting and final touchups
	DECEMBER	Revision and practice
	PREBOARD EXAMINATION	Theory : 1. Introduction to miniature paintings, Rajasthani school of miniature painting 2. Pahari School 3. Mughal school 4. Deccan school 5.Bengal School 6.Evolution of Indian national flag and freedom struggle 7.Modern trends in Indian art PRACTICAL: POSTER and ILLUSTRATION
BUSINESS STUDIES (054)	APRIL	Part A: PRINCIPLE AND FUNCTIONS OF MANAGEMENT. 1. Nature and Significance of Management. 2.Business Environment
	MAY	3.Consumer Protection (Part B). Project Work
	JUNE	4. Principles of Management
	JULY	5.Planning 6.Organising
	ASSESSMENT-1	Chapter 1 and 2
	AUGUST	7. Controlling. Part B: BUSINESS FINANCE AND MARKETING

		8.Staffing (to be continued)
	SEPTEMBER	8.Staffing 9.Directing
	ASSESSMENT-2	Chapter 1 to 9
	OCTOBER	Part B: BUSINESS FINANCE AND MARKETING 10. Financial Management. 11. Financial Markets.
	NOVEMBER	12. Marketing Management
	DECEMBER PREBOARD EXAMINATION	Chapters 1 to 8 (Part A) Chapters 9,10,11 and 12 (Part B)
ACCOUNTANCY (055)	APRIL	BOOK: Accounting For Partnership Firms 1.Fundamentals . 2.Goodwill – Nature and Valuation. 3.Change in Profit Sharing Ratio.
	MAY	4. Admission of a Partner
	JUNE	5.Retirement of a Partner
	JULY	6.Death of a Partner. 7.Dissolution of Partnership Firm BOOK: Analysis of Financial Statements 1. Financial Statements of a Company. 2. Financial Statements Analysis. 3.Tools of Financial Analysis
	ASSESSMENT-1	Chapter 1-4 (Partnership)
	AUGUST	4. Accounting Ratios 5.Cash Flow Statement Project Work: Specific Project
	SEPTEMBER	Accounting For Companies. 9.Issue of Shares
	ASSESSMENT-2	Complete Partnership and Analysis of Financial Statements.
	OCTOBER	9.Issue of Shares. (Continued)
	NOVEMBER	10. Issue of Debentures.
	DECEMBER PREBOARD EXAMINATION	Complete syllabus all 3 books

DANCE- KATHAK (056)	APRIL/MAY	<p>1. भारत की अन्य शास्त्रीय नृत्य शैलियों का संक्षिप्त इतिहास।</p> <p>2. अभिनय शब्द की बुनियादी समझ और इसके चार पहलुओं की परिभाषा: अंगिक, वाचिक, आहार्य, सात्विक।</p> <p>PRACTICAL</p> <p>तत्कर का अभ्यास तीन ताल और झप ताल को धीमी गति में, इसके दोहरे (दुगुन) और चार गुना (चौगुन) गति</p>
	JUNE/ JULY	<p>3. कथक नृत्य के तीन घरानों (लखनऊ, जयपुर, बनारस) का समापन</p> <p>4. रस: नौ रसों की परिभाषा और व्याख्या।</p> <p>PRACTICAL</p> <p>विद्यार्थी को निम्नलिखित सभी तकनीकों और रचनाओं का ज्ञान होना चाहिए:</p> <p>वन्दना, आमद, तेज आमद, टुकड़ा, टोडा, तिहायी, गन्निकस, गतभाव, टुकरा/तोड़ा का पढ़त हस्त-क्रिया के साथ</p> <p>विद्यार्थियों को इनमें से कुछ को झप ताल और धमार ताल में सिखाया जाना चाहिए।</p>
	ASSESSMENT-1	<p>1. भारत की अन्य शास्त्रीय नृत्य शैलियों का संक्षिप्त इतिहास।</p> <p>2. अभिनय शब्द की बुनियादी समझ और इसके चार पहलुओं की परिभाषा: अंगिक, वाचिक, आहार्य, सात्विक।</p>
	AUGUST/ SEPTEMBER	<p>5. निम्नलिखित शब्दों का ज्ञान: (संक्षिप्त नोट) संगीत, ताल, लय, अंगहार, भ्रमरी, लोकधर्मी, नाट्यधर्मी, रस और भाव।</p> <p>6. नृत्य शैली की तकनीकी शब्दावली का ज्ञान:</p> <p>क) निम्नलिखित की परिभाषा: i) वंदना ii) तिहायी</p> <p>ख) iii) आमद iv) टोडा/टुकरा v) पारण vi) चक्रदार टोडा/टुकरा और परन vii) गन्निकस विलि) गतभाव</p> <p>ग) दादरा, कहरवा, रूपक का ठेका का ज्ञान।</p> <p>PRACTICAL</p> <p>नृत्य और अभिनय में सुधार करने की क्षमता।</p>
	ASSESSMENT-2	<p>1. भारत की अन्य शास्त्रीय नृत्य शैलियों का संक्षिप्त इतिहास।</p>

	<p>2. अभिनय शब्द की बुनियादी समझ और इसके चार पहलुओं की परिभाषा: अंगिक, वाचिक, आहार्य, सात्विक।</p> <p>3. कथक नृत्य के तीन घरानों (लखनऊ, जयपुर, बनारस) का समापन</p> <p>4. रस: नौ रसों की परिभाषा और व्याख्या।</p> <p>5. निम्नलिखित शब्दों का ज्ञान: (संक्षिप्त नोट) संगीत, ताल, लय, अंगहार, भ्रामरी, लोकधर्मी, नाट्यधर्मी, रस और भाव।</p> <p>6. नृत्य शैली की तकनीकी शब्दावली का ज्ञान:</p> <p>क) निम्नलिखित की परिभाषा: i) वंदना ii) तिहायी</p> <p>ख) iii) आमद iv) टोडा/टुकरा v) पारण vi) चक्रदार टोडा/टुकरा और परन vii) गट्निकस विलि) गतभाव</p> <p>ग) दादरा, कहरवा, रूपक का ठेका का ज्ञान।</p>
OCTOBER/ NOVEMBER	<p>ग) ताली, खली, सैम, तिहायी की परिभाषा।</p> <p>घ) तुकरा/टोडा और परन को नोट करने की क्षमता।</p> <p>2. पारंपरिक वेशभूषा और श्रृंगार से परिचित होना।</p> <p>PRACTICAL</p> <p>सीखी गई सभी रचनाओं के मूल ठेके तक पढ़ंत (बोलों का सस्वर पाठ)</p>
DECEMBER	REVISION
PREBOARD EXAMINATION	<p>1. भारत की अन्य शास्त्रीय नृत्य शैलियों का संक्षिप्त इतिहास।</p> <p>2. अभिनय शब्द की बुनियादी समझ और इसके चार पहलुओं की परिभाषा: अंगिक, वाचिक, आहार्य, सात्विक।</p> <p>3. कथक नृत्य के तीन घरानों (लखनऊ, जयपुर, बनारस) का समापन</p> <p>4. रस: नौ रसों की परिभाषा और व्याख्या।</p> <p>5. निम्नलिखित शब्दों का ज्ञान: (संक्षिप्त नोट) संगीत, ताल, लय, अंगहार, भ्रामरी, लोकधर्मी, नाट्यधर्मी, रस और भाव।</p> <p>6. नृत्य शैली की तकनीकी शब्दावली का ज्ञान:</p> <p>क) निम्नलिखित की परिभाषा: i) वंदना ii) तिहायी</p> <p>ख) iii) आमद iv) टोडा/टुकरा v) पारण vi) चक्रदार टोडा/टुकरा और परन vii) गट्निकस विलि) गतभाव</p> <p>ग) दादरा, कहरवा, रूपक का ठेका का ज्ञान।</p> <p>ताली, खली, सैम, तिहायी की परिभाषा।</p> <p>घ) तुकरा/टोडा और परन को नोट करने की क्षमता।</p> <p>7. पारंपरिक वेशभूषा और श्रृंगार से परिचित होना।</p>

DANCE- BHARAT NATYAM (057)	APRIL	Acquaintance with life history of the chief exponents and contributors of the past of the Dance form. (Rukmini Devi Arundale, Balasaraswati, Meenakshi Sundaram Pillai, Tanjore quartette)
	MAY	Aquaintance with the contents of the Abhinaya Darpanam
	JUNE	Knowledge of Nritya, Nritta, Natya Tandava (7 tandavas with detailed story) Laya, Lokdharmi, Natyadharmo
	JULY	Knowledge of Sthana, Chari, Mandala, Bharmari, Utplavna
	ASSESSMENT-1	Acquaintance with life history of the chief exponents and contributors of the past of the Dance form. (Rukmini Devi Arundale, Balasaraswati, Meenakshi Sundaram Pillai, Tanjore quartette). Aquaintance with the contents of the Abhinaya Darpanam
	AUGUST	Knowledge of technical terminology of the classical dance forms
	SEPTEMBER	Aquaintance with the traditional costumes, makeup of Dance
	ASSESSMENT-2	Knowledge of technical terminology of the classical dance forms. Knowledge of Sthana, Chari, Mandala, Bharmari, Utplavna
	OCTOBER	Jatiswaram in Rupakataal
	NOVEMBER	Thillana in Adi taalam
	DECEMBER	Basic knowledge of Carnatic music format
	PREBOARD EXAMINATION	Acquaintance with life history of the chief exponents and contributors of the past of the Dance form. (Rukmini Devi Arundale, Balasaraswati, Meenakshi Sundaram Pillai, Tanjore quartette). Aquaintance with the contents of the Abhinaya Darpanam. Knowledge of technical terminology of the classical dance forms. Knowledge of Sthana, Chari, Mandala, Bharmari, Utplavna

HOME SCIENCE (064)	APRIL	Ch-2 Clinical Nutrition and Dietetics Ch-3 Public Nutrition and Health ACTIVITY Modification of normal to soft diet for elderly person
	MAY	Ch-5 Food processing and technology ACTIVITY Development and preparation of supplementary food for nutrition programmes
	JUNE	Ch-1 Work, livelihood and career ACTIVITY Design, prepare and evaluate a processed food product
	JULY	Ch-6 Food quality and food safety ACTIVITY Qualitative test for food adulteration
	ASSESSMENT-1	Ch-2 Clinical nutrition and dietetics Ch-3 Public nutrition and health
	AUGUST	Ch-7 Early Childhood care and education Ch-10 Management of support services, Institutions and programmes for children, youth and elderly. ACTIVITY Planning a menu for 4 days for school canteen or one week for midday meal scheme
	SEPTEMBER	Ch-11 Design for fabric and apparel Ch-12 Fashion design and merchandising ACTIVITY Preparations of articles using applied textile design technique (Tie and Dye, Block print)
	ASSESSMENT-2	Ch-1 Work, livelihood and career Ch-2 Clinical Nutrition and Dietetics Ch-3 Public Nutrition and Health Ch-5 Food processing and technology Ch-6 Food quality and food safety Ch-7 Early Childhood care and education
	OCTOBER	Ch-15 Care and maintenance of fabrics in Institutions Ch-17 Hospitality Management ACTIVITY Care and maintenance of fabric products: stain removal.

	NOVEMBER	Ch-20 Consumer education and protection Ch-21 Development of communication and journalism ACTIVITY Develop leaflet/pamphlet for consumer education and protection
	DECEMBER	Revision
	PREBOARD EXAMINATION	Ch-1 Work, livelihood and career Ch-2 Clinical Nutrition and Dietetics Ch-3 Public Nutrition and Health Ch-5 Food processing and technology Ch-6 Food quality and food safety Ch-7 Early Childhood care and education Ch-10 Management of support services, Institutions and programmes for children, youth and elderly. Ch-11 Design for fabric and apparel Ch-12 Fashion design and merchandising Ch-15 Care and maintenance of fabrics in Institutions Ch-17 Hospitality Management Ch-20 Consumer education and protection Ch-21 Development of communication and journalism
INFORMATICS PRACTICE (065)	APRIL	Unit 1: Data Handling using Pandas Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and Data Frames. Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head and Tail functions; Selection, Indexing and Slicing.
	MAY	Unit 1: Data Handling using Pandas Data Frames: creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing;
	JUNE/JULY	Importing/Exporting Data between CSV files and Data Frames. Data Visualization Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram Customizing plots: adding label, title, and legend in plots.
	ASSESSMENT-1	Unit 1: Data Handling using Pandas -Series
	AUGUST	Unit 2: Database Query using SQL Revision of database concepts and SQL commands covered in class XI Math functions: POWER (), ROUND (), MOD (). Text functions: UCASE ()/UPPER (), LCASE ()/ LOWER (), MID ()/SUBSTRING () /SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME

		().
	SEPTEMBER	Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*)
	ASSESSMENT-2	Unit 1: Data Handling using Pandas-Series and Data frames, Data Visualistion Unit 2: Database Query using SQL- Revision of database concepts and SQL commands covered in class XI
	OCTOBER	Querying and manipulating data using Group by, Having, Order by. Working with two tables using equi-join
	NOVEMBER	Introduction to Computer Networks Introduction to networks, Types of network: PAN, LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh. Introduction to Internet, URL, W W W, and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, 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.
	DECEMBER	Unit 4: Societal Impacts Societal Impacts Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology
	PREBOARD EXAMINATION	Complete Syllabus
ENTREPRENEURSHIP (066)	APRIL	Unit 1: Entrepreneurial Opportunity
	MAY	Unit 2: Entrepreneurial Planning Project work: MARKET SURVEY
	JUNE	Unit 2: Entrepreneur Planning (contd...
	JULY	Unit 3: Enterprise Marketing.

	ASSESSMENT-1	Unit 1 and Unit 2 (till Forms of Business Organisation)
	AUGUST	Unit 4: Enterprise Growth Strategies Project Work : Business Plan
	SEPTEMBER	Unit 4: Enterprise Growth Strategies contd....
	ASSESSMENT-2	Unit 1 to 4
	OCTOBER	Unit 5: Business Arithmetic. Project Work: Business Plan
	NOVEMBER	Unit:6 Resources Mobilization
	DECEMBER PREBOARD EXAMINATION	Unit 1 to 6
COMPUTER SCIENCE (083)	APRIL	Ch12 - Relational Data base Ch13 - Simple queries in SQL Ch14 – Table creation and Data Manipulation on commands
	MAY	Ch15 – Grouping records, Join in SQL
	JUNE	Ch10 - Computer Networks-1 Ch1 – Python Revision Tour
	JULY	Ch2 – Python Revision Tour-II
	ASSESSMENT-1	Ch12 - Relational Data base Ch13 - Simple queries in SQL Ch14 - Table creation and Data Manipulation on commands Ch15 – Grouping records, Join in SQL
	AUGUST	Ch3 – Working with functions Ch4 – Using Python Libraries
	SEPTEMBER	Ch11 – Computer Networking-II Ch5 – File Handling Ch6 - Recursion
	ASSESSMENT-2	Ch10 - Computer Networks-1 Ch1-Python Revision Tour Ch2 -Python Revision Tour-II
	OCTOBER	Ch 7– Idea of Algorithmic Efficiency Ch 8 – Data Structures- I: Linear Lists Ch 9 – Data structures-II: Stack

		and queues using lists
	NOVEMBER	Ch 16– Interface Python with My SQL
	DECEMBER	Revision
	PREBOARD EXAMINATION	Chapters 1 to 16
YOGA (841)	APRIL/MAY/JUNE	<ul style="list-style-type: none"> • Shatkarma meaning, purpose and their significance in yoga sadhna • Introduction to yogasanas: meaning, principles and their health benefits • Introduction of pranayama and dhyana and their benefits • practical – practice of surya namaskar, supine line asanas, prone line asanas, sitting and standing asanas, meditation, pranayam , mudras and bandhas • communication skills and self management skills
	ASSESSMENT-1	<ul style="list-style-type: none"> • Shatkarma meaning, purpose and their significance in yoga sadhna • Introduction to yogasanas: meaning, principles and their health benefits • Introduction of pranayama and dhyana and their benefits • Communication skills and self-management skills
	JULY/AUGUST/SEPTEMBER	<ul style="list-style-type: none"> • Concept of aahara (diet) according to yogic text • Significance of hath yoga practices in health promotion • Concept of mental health well-being according to patanjali yoga • Yogic practices of patanjali yoga • Concept of healthy living in bhagawat gita • Yoga in prevention of common disease • Importance of subjective experience in daily yoga practice • Practical – practice of surya namaskar, supine line asanas, prone line asanas, sitting and standing asanas, meditation, pranayam, mudras and bandhas • Ict skills
	ASSESSMENT-2	<ul style="list-style-type: none"> • Concept of aahara (diet) according to yogic text • Significance of hath yoga practices in health promotion • Concept of mental health well-being according to patanjali yoga

		<ul style="list-style-type: none"> • yogic practices of patanjali yoga • Concept of healthy living in bhagawat gita • Yoga in prevention of common disease • Importance of subjective experience in daily yoga practice • Ict skills
	OCTOBER/NOVEMBER/DECEMBER	<ul style="list-style-type: none"> • Introduction to first aid and cpr • yogic management of stress and its consequences • Yoga and personality development • practical – practice of surya namaskar, supine line asanas, prone line asanas, sitting and standing asanas, meditation, pranayam , mudras and bandhas • Entrepreneurial skills and green skills
	PREBOARD EXAMINATION	<ul style="list-style-type: none"> • Shatkarma meaning, purpose and their significance in yoga sadhna • Introduction to yogasanas: meaning, principles and their health benefits • Introduction of pranayama and dhyana and their benefits • Practical – practice of surya namaskar, supine line asanas, prone line asanas, sitting and standing asanas, meditation, pranayam , mudras and bandhas • Communication skills and self management skills • Concept of aahara (diet) according to yogic text • Ignificance of hath yoga practices in health promotion • Concept of mental health well-being according to patanjali yoga • Yogic practices of patanjali yoga • Concept of healthy living in bhagawat gita • Yoga in prevention of common disease • Importance of subjective experience in daily yoga practice • Practical – practice of surya namaskar, supine line asanas, prone line asanas, sitting and standing asanas, meditation, pranayam , mudras and bandhas • Ict skills • Introduction to first aid and cpr • Yogic management of stress and its consequences • yoga and personality development • Practical – practice of surya namaskar, supine

		<p>line asanas, prone line asanas, sitting and standing asanas, meditation, pranayam , mudras and bandhas</p> <ul style="list-style-type: none">• Entrepreneurial skills and green skills
--	--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

PRINCIPAL