

## Radhika Bal Vidya Mandir Sr. Sec. School Shekhpur, Jaunpur

### Class XII English

Months	Name of book	Topic
April	Reading Skill	Unseen passage – based Question and exercise
	Writing Skill	Notice
	Flamingo	L-1
	Vistas Novel Poetry	The Tiger King L-1-4 My Mother at 66
May	Reading Skill	Unseen passage – based Question and exercise
	Writing Skill	Advertisement, posters
	Flamingo	L-2
	Vistas Novel Poetry	The Tiger King L-5-8 An Elementary School classroom in a slum.
July	Writing Skill	Report
	Reading Skill	Unseen passage – based Question and exercise
	Flamingo	Deep Water
	Vistas Novel	The Enemy L-9-12
August	Reading Skill	Unseen passage , making notes
	Writing Skill	Question Letter
	Flamingo	The Rattrap
	Novel Poetry	L-13-16 The Keeping Quiet
September	Reading Skill	Unseen passage , Note making
	Writing Skill	Question Abbreviation Invitation and Replies
	Flamingo	Indigo
	Vistas Novel	Should W.I.L.M. L-17-20
October	Reading Skill	Unseen Passage Making notes
	Writing Skill	Article
	Flamingo	Going Places
	Vistas Novel	On the Face of it L-21-24
November	Reading Skill	Revision
	Writing Skill	Revision on short and long writing task
	Vistas	Evan's Trees An O' Level
	Novel	L- 25-28
December	Reading Skill	Exercise Practices
	Writing Skill	Practices
	Vistas	Memories of Childhood
	Novel	L- 1-28 Revision

कक्षा नारतवीं

विषय: हिन्दी आघार

मास	पुरतक का नाम	विषय वस्तु	शिक्षण के पीरियड	दोहराई के पीरियड	
अप्रैल	आरोह भाग-2 काव्य अण्ड गद्य अण्ड	हरिवंशराय बच्चन- दिन जल्दी-जल्दी बलता है। महादेवी कर्मा-मस्तिष्क	03 04	08	
		आलोक अन्वा- पलंग कुंवर नारायण-कात सीधी सी पर जैनेन्द कुमार- बाजार दर्शन मनोहर श्याम जोशी- सिलार गैडिंग पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया	01 02 04 06 07	9	
जुलाई	आरोह भाग-2 गद्य अण्ड अभिव्यक्ति और माध्यम व्याकरण	रघुवीर राहाय- कैमरे में बंद अप्रादिश धर्मवीर नारती- काले मेघा पानी दे विरोध लेखन-स्वरूप और प्रकार छिंट माध्यम - सांपादकीय	03 06 08 08	07	
		आरोह भाग-2 काव्य अण्ड गद्य अण्ड	मजानन्द माधम मुक्तिबोध- लहर्भ रवीकारा है। फणीश्वर नाथ रेणु-पडलवान की दोलक कैसे बनती है कविता काव्य शोधन	06 06 08 04	7
		विज्ञान भाग-2	आनन्द यादव-जूड़	10	6
		अभिव्यक्ति और माध्यम	रानरोर बहादुर सिंह-उषा विष्णु खरे-बाली बैपिनन यानी हम सब जोन धानवी-अरीत में दबे पाव जन सांचार - माध्यम	01 04 08 08	7
नवम्बर	आरोह भाग-2 काव्य अण्ड गद्य अण्ड विज्ञान भाग-2 व्याकरण	सुर्यकान्त त्रिपाठी निराला-बावल राज रजिता राख्वाद जड़ीर-नगक ऐन फेंक-आयरी के पत्ते कीचर	03 04 06 08	8	

	अभिव्यक्ति और माध्यम	प्रिंट माध्यम आलेख/रिपोर्ट	05	
दिसम्बर	आरोह भाग-2 काव्य खण्ड गद्य खण्ड	तुलसीदास- लक्ष्मण मुर्छा और राम का विलाप हजारी प्रसाद द्विवेदी- शिरीष के फूल	05 06	7
दिसम्बर	आरोह भाग-2 गद्य खण्ड व्याकरण	फिराक गोरखपुरी-गजल उमा शंकर जोशी- छोटा मेरा खेत 2 बगुलों के पंख भीमराव अम्बेडकर- श्रम विभाजन और जाति प्रथा 2- मेरी कल्पना का आदर्श समाज  अलंकार-उपमा, रूपक, उत्प्रेक्षा, यमक, मानवीकरण, अनुप्रास, श्लेष, पुनरक्ति प्रकाश	03 04 07	6
	माध्यम व्याकरण	नये और अप्रत्याशित विषयों पर लेखन अपठित गद्यांश पाठ्यक्रम पुनरावृत्ति और कठिन प्रश्नों के समस्या का समाधान	5 3 8	4

Class – XII  
Subject- Mathematics  
Syllabus

Month	Name of Chapter	Contents	Teaching Period	Revision period
April	Relations and Functions	Introduction Types of Relations Types of Functions Composition of Functions and Invertible Functions Binary operations	10	4
	Inverse Trigonometric Functions	Introduction Basic Concepts Properties of Inverse Trigonometric Functions	12	
May	Matrices	Introduction Matrix Types of Matrices Operations on Matrices. Transpose of a Matrix. Symmetric and Skew Symmetric Matrices, Elementary operation (Transformation) of a matrix Invertible Matrix	12	6
	Determinants	Introduction Determinant Properties of Determinants, Area of Triangles, Minors and cofactors. Adjoint and Inverse of a Matrix. Application of Determinants and Matrices.	12	
July	Continuity and Differentiability	Introduction Continuity Differentiability. Exponential and Logarithmic Functions Logarithmic Differentiation Derivatives of Functions in Parametric Forms Second order Derivatives Mean Value Theorem.	18	4
August	Application of	Introductions	20	3

	Derivatives	Rate of Change of Quantities Increasing and Decreasing Functions Tangents and Normals. Approximations. Maxima and Minima		
September	Integrals	Introduction Integration as an Inverse Process of Differentiation Method of Integration Integrals of Some Particular Functions Integration by partial fractions Integration by Parts. Definite Integral Fundamental theorem of Calculus Evaluation Definite Integrals by substitutions. Some Properties of Definite Integrals	20	5
October	Application of Integrals  Differential Equations	Introduction Area Under simple Curve, Area between Two Curves Introduction Basic Concepts General and Particular solutions of a Differential Formation of a Differential Equation whose General Solutions is given. Method of solving First order. First degree Differential Equation	10   10	5
November	Probability	Introduction Conditional Probability Multiplication Theorem on Probability Independent Events Bayes Theorem. Random Variables and its Probability Distributions Bernoulli Trials and Binomial Distribution	20	5

December	Vectors	Introduction Some Basic Concepts Types of Vectors Addition of Vectors Multiplication of vector by a scalar Product of Two vectors	12	4
	Three dimensional Geometry	Introductions Direction cosines and Direction ratio of a line Equation of a line in space Angles between Two lines Shortest Distance between Two lines	7	
	Three Dimensional Geometry  Linear Programming	Planes Co planarity of Two lines Angle between Two Planes Distance of a point from a plane. Angle between a line and a plane Introduction Linear Programming Problems and its Mathematical Formulation. Different Types of a linear Programming Problems	5  15	4

Class – XII  
Subject- Physics  
Syllabus

Month	Name of Book	Chapter & Topics	Teaching Period	Revision period	Practical
April	Physics Class 12 <sup>th</sup>	Unit-1 Electrostatics Chapter-1- Electric Charges Fields Chapter-2- Electrostatic potential & capacitance	20	4	8
May	do	Unit-2 Current electricity Unit-3 Magnetic effect of current Chapter-4- Moving charges & Magnetism	12 6	4 1	14
June	Summer Vacation				
July	do	Unit-3 Magnetic effect of current and magnetism Chapter-5 Magnetism & matter Unit-4 Electro magnetic Induction & Alternating current Chapter-6 Electro magnetic Induction	10 8	2 2	7 7
August	do	Unit-4 Electromagnetic Induction & Alternating current Chapter-7 Alternating current Unit-5 Electro magnetic waves	18	6	14
September	do	Unit-6 Optics Chapter-9 Ray optics & optical Instruments	20	3	10
October	do	Unit-6 Optics Chapter- 10 Wave optics Unit-7 Dual nature of matter & radiation	21	4	10
November	do	Unit-8 Atoms & nuclei	16	4	10
December	do	Unit-9 Electronic Devices	18	3	8
January	do	Unit-10 Communication System	16	4	10
February		Revision & practical Exam			
March		Exam			

**Radhika Bal Vidya Mandir Sr. Sec. School Shekhpur, Jaunpur****Class XII Chemistry**

April	Solid state Solution Electro Chemistry	L. 1 L. 2 L. 3
May	Chemical Kinetics Surface Chemistry	L. 4 L. 5
July	General Principles and Process of isolation of element p- block element	L. 6 L. 7
August	d and f block element Co- ordination compound Haloalkanes and haloarenes	L. 8 L. 9 L. 10
September	Alcohol Phenol ether Aldehydes Ketones and Carboxylic acid	L. 11 L. 12
October	Anines and Diazonium Salt Biomolecule	L. 13 L. 14
November	Polymer Chemistry in everyday life	L. 15 L. 16
December	Revision	



**Radhika Bal Vidya Mandir Sr. Sec. School Shekhpur, Jaunpur****Class XII Biology**

Month	Chapter	Topic
April	L. 1 L. 2	Reproduction of organisms Organisms and population
May	L. 3 L. 4	Sexual Reproduction in flowering plants Ecosystem
July	L. 5 L. 6	Human Reproduction Biodiversity and Conservation
August	L. 7 L. 8	Reproductive Health Strategies for Enhancement in food Production
September	L. 9 L. 10	Principles of Inheritance and Variation Microbes in Human Welfare
October	L. 11 L. 12	Molecular Basis of Inheritance Bio Technology Principles and Processes
November	L. 13 L. 14	Health and Disease Bio Technology and its Application
December	L. 15 L. 16	Evolution Environmental Issues
January		Revision

## Subject – Accountancy

### पाठ्यक्रम

मास	पुस्तक का नाम	विषय वस्तु	शिक्षण के पीरियड	दोहराई के पीरियड	प्रयोगात्मक कार्य
अप्रैल	Accounting Not for Profit Organisation	Not for profit organization meaning and examples Receipts and payments meaning and concepts preparation of income and expenditure A/C and balance sheet			
मई	Accounting for partnership  Reconstitution of partnership	Nature of partnership firm Final Account of partnership Preparation of capital accounts and profit and loss . Appropriation A/C Change in profit sharing Ratio Accounting for Revaluation Goodwill-Meaning & Valuation			
जुलाई	Reconstitution of partnership	Admission of a partner Retirement/ Death of a partner			
	Dissolution of partnership firm	Meaning settlement of Accounts Preparation of Realisation account & related Accounts(Excluding piece meal distribution and sale to a company & insolvency of a partner)			
अगस्त	Accounting for share and Debenture capital	Share capital (At Par and At Premium) Accounting for share capital For feiture of Share & Re-issue Presentation of share & debenture capital in company balance sheet			
	Accounting for share and	Issue of debentures Redemption of			

	Debenture capital	debentures out of proceeds of Fresh issue and accumulated profit and Simking fund.			
सितम्बर	Analysis of Financial Statements	Preparation of simple Financial Statement of a company with major heading only Financial Analysis- Meaning significance, purpose ,limits Tools for financial analysis			
अक्टुबर	Analysis of financial statements	Accounting ratios – Meaning and objectives Types of Ratios- liquidity Ratios , Solvency Ratios, Activity Ratios, profitability Ratios			
नवम्बर	Statement of Changes in financial position	Cash Flow Statement- Meaning objectives preparations, Adjustment related to depreciation, dividend and tax, sale and purchase of Non-current Assets(as per Revised standard issued by ICAI)			
दिसम्बर		Preparation an submission of project report. Revision of whole syllabus with difficulty removal. And Prepare students for appearing in Exam			

## **Radhika Bal Vidya Mandir Sr. Sec. School Shekhpur, Jaunpur**

### **Class XII Business Studies**

April	Nature and significance of management	L. 1
May	Principles of Management	L. 2
July	Business Environment Planning	L. 3 L. 4
August	Organizing Staffing	L. 5 L. 6
September	Directing Controlling	L. 7 L. 8
October	Business Finance Financial Markets	L. 9 L. 10
November	Marketing Management	L. 11
December	Consumer Protection Revision	L. 12

**कक्षा बारहवीं**  
**विषय : Economics**

मास	पुस्तक का नाम	विषय वस्तु	शिक्षण के पीरियड	पोस्टाई के पीरियड
April	Introductory micro Economics			
	Unit-I  Unit-II	1. What is micro Economics 2. Central problems of an economy, production possibility curve and opportunity cost. 3. Consumer's budget, preferences of the consumer, indifference curve and its map.		
May	Unit-II	1. Demand: market Demand, determinants of demand, demand Schedule and curve, movement along and shifts in demand curve, Price elasticity of demand, measurement of price elasticity of demand, percentage, total expenditure and geometric method.		
	Unit-III	2. Production function, The short run and long run.		
July	Unit-III	1 Total product, Average product and marginal product 2 The law of diminishing marginal product and the law of variable proportions, Returns to scale. 3 Concepts of costs, short run cost curves, Fixed and variable costs; total, Average and Marginal cost, long run cost.		
	Unit-IV	1 Perfect competition, its meaning and features, total, marginal and average revenue, profit maximization. 2 Supply curve of a firm and its determinants, market supply curve, price elasticity of supply		
August	Unit-V	1. Market equilibrium, shifts in demand and supply and its effects. 2. Price floors and Price ceiling , Food Availability Decline. 3. Economic policy of Govt. and Market equilibrium. 4. Non Competitive market: Monopoly and monopolistic competition, oligopoly, simple monopoly in the commodity market		
		- Meaning, Difference between Micro & Macro. Meaning of Four major Sectors of Macro Economics, Important		

		<ul style="list-style-type: none"> <li>features of capitalist economy.</li> <li>- National Income Accounting:- Some basic concepts of Macroeconomics:- Final goods, Consumption goods, Capital Goods, Intermediate goods</li> <li>- Concept of Stock and flow, Net investment,</li> </ul>		
September		<ul style="list-style-type: none"> <li>- Circular flow of Income and methods of Calculating- National Income; some macroeconomic Identities, Goods and prices; GDP.</li> <li>- Money and Banking:- Functions of Money,</li> <li>- The supply of Money, measures of money supply.</li> </ul>		
October		<ul style="list-style-type: none"> <li>- Money creation by the Banking System- Functions of commercial Bank; and central Bank of India,</li> <li>- Instruments of monetary policy</li> </ul>		
November		<ul style="list-style-type: none"> <li>- Income determination;- Ex Ante and Ex post; movement along a curve versus shift of a curve; The short Run Fixed price analysis of the product market.</li> <li>- Multiplier and its working.</li> <li>- The Government Budget: Functions and scope:- Components of Government Budget- Revenue Budget and capital Budget.</li> </ul>		
December		<ul style="list-style-type: none"> <li>- Fiscal policy- Deficient Demand, Excess Demand Tax and its type..</li> <li>- Open Economy:- The Balance of payments- Bop surplus and deficit; The foreign Exchange market, Determination of exchange rate, flexible and fixed exchange rate; The Determination of income in an open Economy</li> </ul>		

**Radhika Bal Vidya Mandir Sr. Sec. School Shekhpur, Jaunpur**  
**Class XII Computer Science**

Month	L	Chapter
April	1	Review of topics covered in C <sup>++</sup> of Class XI
May	2,3	Class & object, Boolean Algebra
July	4,5	Data base concept & SQL commands , SQL commands
August	6	Introduction to software engineering
September	7	Concept of Networking and Internet
October	8	Class and object
November	9	Friend function
December	10	Data Structure through C <sup>++</sup>
January	1-10	Revision
February		