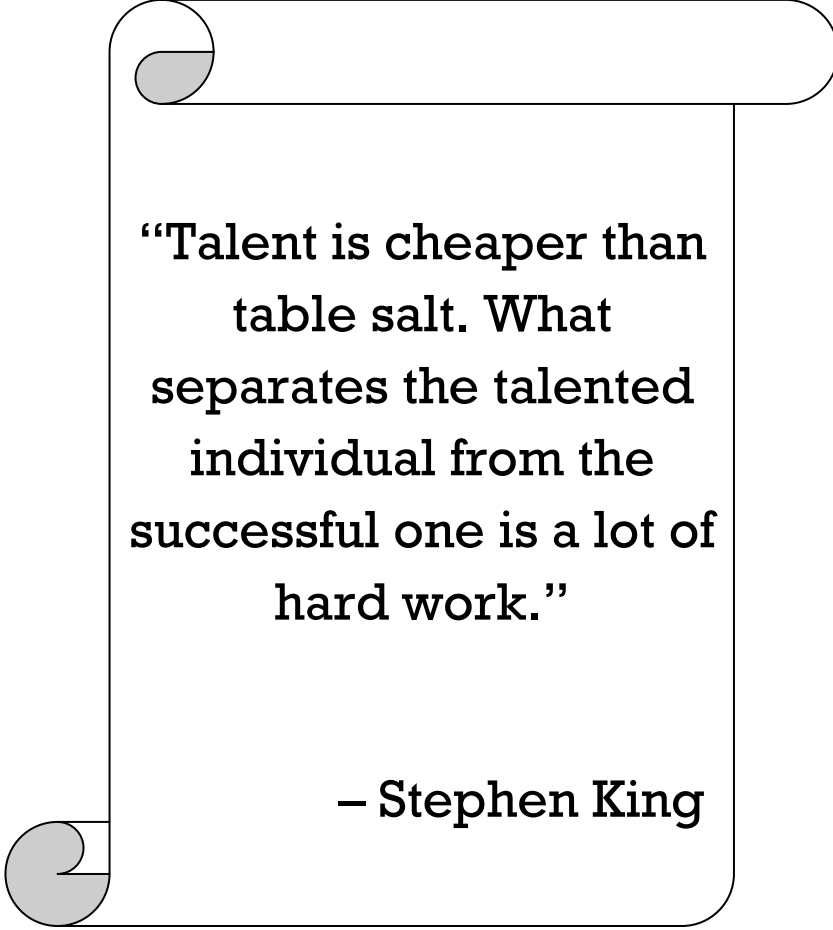




LITERA VALLEY SCHOOL, PATNA
SYLLABUS FOR THE SESSION 2018-19

CLASS XI (SCIENCE)



**“Talent is cheaper than
table salt. What
separates the talented
individual from the
successful one is a lot of
hard work.”**

– Stephen King

Subject: ENGLISH

SYLLABUS FOR EXAMINATIONS

EXAM	CHAPTER NAME	
PT-1	<p>READING SECTION: Unseen Passages for Comprehension</p> <p>WRITING SECTION:</p> <ul style="list-style-type: none">• Notice Writing• Formal letter Writing :Letter to the Editor (giving suggestions/opinions on an issue) <p>INTEGRATED GRAMMAR (gap filling, sentence re-ordering, dialogue completion and sentence transformation)</p> <ol style="list-style-type: none">1. Determiners2. Tenses	<p>LITERATURE SECTION:</p> <p>Hornbill:</p> <ol style="list-style-type: none">1. Prose-The Portrait of A Lady (By: Khushwant Singh)2. Prose- We're Not Afraid To Die.... If We Can Be Together (By: Gordon Cook and Alan East)3. Poem-A Photograph (By: Shirley Toulson) <p>Snapshot (Supplementary Reader):</p> <ol style="list-style-type: none">1. The Summer Of The Beautiful White Horse (By: William Saroyan)
HALF YEARLY EXAM	<p>READING SECTION:</p> <ol style="list-style-type: none">1. Unseen Passages for Comprehension2. Passages for Note-Making and Summarizing <p>WRITING SECTION:</p> <ol style="list-style-type: none">1. Notice Writing2. Designing Posters3. Advertisements (To-let, Sale-Purchase, Tuitions, Lost and Found, Travel and Tours, Matrimonial) <p>4. Long Answer Questions: Letters based on verbal/visual input. It would cover all types of letters.</p> <p>a) Informal Formal Letter Writing</p> <p>b) Formal Letter Writing</p> <ul style="list-style-type: none">• Official Letters /Letters to the Editor (giving suggestions/opinions on an issue)• Business Letter (Making Enquiries, asking for and giving information, Placing and cancelling orders, sending replies)• Letter to the school or college authorities, regarding admissions, school issues, requirements / suitability of courses, etc.	<p>Hornbill:</p> <ol style="list-style-type: none">1. Prose-The Portrait of A Lady (By: Khushwant Singh)2. Poem-A Photograph (By: Shirley Toulson)3. Prose- We're Not Afraid To Die.... If We Can Be Together (By: Gordon Cook and Alan East)4. Poem- The Laburnum Top (By: Ted Hughes)5. Prose- Landscape of the Soul (By: Nathalie Trouveroy)6. Poem- The Voice of the Rain (By: Walt Whitman)7. Poem- Childhood (By: Markus Natten) <p>Snapshot (Supplementary Reader):</p> <ol style="list-style-type: none">1. Prose- The Summer Of The Beautiful White Horse (By: William Saroyan)2. Prose- The Address (By: Marga Minco)3. Prose- Ranga's Marriage (By: MastiVenkateshalyengar)4. Prose- Albert Einstein at

<p>EXAM</p>	<ul style="list-style-type: none"> • Application for a job (cover-letter) with a bio-data or resumé <p>5. Very Long Compositions</p> <ol style="list-style-type: none"> Articles Debates Speech <p>Report Writing /a Narrative</p> <p>INTEGRATED GRAMMAR (Gap-filling, Sentence re-ordering, Dialogue-completion and Sentence-transformation). These grammar areas will be tested using the following short answer type and MCQ type questions- Error correction, Editing tasks; Re - ordering of sentences; Transformation of sentences</p> <ol style="list-style-type: none"> Determiners Tenses Clauses Modals Voices 	<p>School (By: Patrick Pringle)</p> <p>ASL: Assessment of Speaking and Listening Skills</p>
<p>PT-2</p>	<p>READING SECTION:</p> <ol style="list-style-type: none"> Unseen Passages for Comprehension Passages for Note-Making and Summarizing <p>WRITING SECTION:</p> <ol style="list-style-type: none"> Notice Writing Designing Posters Advertisements (To-let, Sale-Purchase, Tuitions, Lost and Found, Travel and Tours, Matrimonial) Long Answer Questions: Letters based on verbal/visual input. It would cover all types of letters. <ol style="list-style-type: none"> Informal Formal Letter Writing Formal Letter Writing <ul style="list-style-type: none"> • Official Letters /Letters to the Editor (giving suggestions/opinions on an issue) • Business Letter (Making Enquiries, asking for and giving information, Placing and cancelling orders, sending 	<p>LITERATURE SECTION:</p> <p><u>Hornbill:</u></p> <ol style="list-style-type: none"> Prose-The Portrait of A Lady (By: Khushwant Singh) Poem-A Photograph (By: Shirley Toulson) Prose- We're Not Afraid To Die.... If We Can Be Together (By: Gordon Cook and Alan East) Prose- Discovering Tut: The Saga Continues (By: A. R. Williams) Poem- The Laburnum Top (By: Ted Hughes) Prose- Landscape of the Soul (By: Nathalie Trouveroy) Poem- The Voice of the Rain (By: Walt Whitman) Prose- The Ailing Planet: The Green Movement's Role (By: NaniPalkhivala) Prose- The Browning Version (By: Terence Rattigan) Poem- Childhood (By: Markus Natten) Prose- The Adventure (By: JayantNarlikar)

	<ul style="list-style-type: none"> replies) Letter to the school or college authorities, regarding admissions, school issues, requirements / suitability of courses, etc. Application for a job (cover-letter) with a bio-data or resumé <p>5. Very Long Compositions</p> <ol style="list-style-type: none"> Articles Debates Speech Report Writing / a Narrative <p>INTEGRATED GRAMMAR (Gap-filling, Sentence re-ordering, Dialogue-completion and Sentence-transformation). These grammar areas will be tested using the following short answer type and MCQ type questions- Error correction, Editing tasks; Re - ordering of sentences; Transformation of sentences</p> <ol style="list-style-type: none"> Determiners Tenses Clauses Modals Voices 	<p>12. Prose- Silk Road (By: Nick Middleton)</p> <p>13. Poem- Father to Son (By: Elizabeth Jennings)</p> <p>Snapshot (Supplementary Reader):</p> <ol style="list-style-type: none"> Prose- The Summer Of The Beautiful White Horse (By: William Saroyan) Prose- The Address (By: Marga Minco) Prose- Ranga's Marriage (By: MastiVenkateshalyengar) Prose- Albert Einstein at School (By: Patrick Pringle) Prose- Mother's Day (By: J. B. Priestley) Prose- The Ghat of the Only World (By: Amitav Ghosh) Prose- Birth (By: A.J. Cronin) Poem- The Tale of Melon City (By: Vikram Seth)
--	--	---

FINAL EXAM	<ul style="list-style-type: none"> Entire syllabus of CBSE Class XI
-------------------	---

MONTH-WISE SYLLABUS BREAK UP

MONTHS	BOOKS/ SECTIONS	TOPICS
JUNE-18	<p>HORNBILL:</p> <ul style="list-style-type: none"> Prose- The Portrait of a Lady (By: Khushwant Singh) <p>WRITING SECTION:</p> <ul style="list-style-type: none"> Notice Writing Designing Posters Informal Letter Writing <p>ASL:</p> <ul style="list-style-type: none"> Listening Task-1 	
JULY-18	<p>HORNBILL:</p> <ul style="list-style-type: none"> Poem- A Photograph (By: Shirley Toulson) Poem- The Laburnum Top (By: Ted Hughes) Prose- We're Not Afraid to Die...if We Can All Be Together (By: Gordon Cook and Alan East) 	

	<p>SNAPSHOTS:</p> <ul style="list-style-type: none"> • The Summer of the Beautiful White Horse(By: William Saroyan) <p>READING SECTION:</p> <ul style="list-style-type: none"> • Note making and Summarizing <p>WRITING SECTION:</p> <ul style="list-style-type: none"> • Formal Letters- Letter to the Editor • Formal Letters- Business Letters (Making Enquiries, asking for and giving information, Placing and cancelling order) <p>GRAMMAR SECTION:</p> <ul style="list-style-type: none"> • Determiners • Tenses <p>ASL: Speaking Task-1</p>
AUGUST-18	<p>HORNBILL:</p> <ul style="list-style-type: none"> • Prose- Landscape of the Soul (By: Nathalie Trouveroy) • Poem- The Voice of the Rain (By: Walt Whitman) <p>SNAPSHOTS:</p> <ul style="list-style-type: none"> • Prose- The Address (By: Marga Minco) • Prose- Ranga’s Marriage (By: MastiVenkateshalyengar) <p>WRITING SECTION:</p> <ul style="list-style-type: none"> • Formal letters- Business letters- (Registering complaints, sending replies) • Formal letters: Letter to the Principal, • Formal letters: Official Letters- suggestions, complaints, appreciation • Formal Letters: Application for a Job • Articles, Debate, Speech (Descriptive, argumentative writing) • Advertisements (To-Let, Sale- purchase, Tuitions, Lost and Found, Travel and Tours, Matrimonial) • Report Writing
SEPTEMBER-18	<p>HORNBILL:</p> <ul style="list-style-type: none"> • Poem- Childhood (By: Markus Natten) <p>SNAPSHOTS:</p> <ul style="list-style-type: none"> • Prose- Albert Einstein at School (By: Patrick Pringle) <p>ASL:</p> <ul style="list-style-type: none"> • Listening Task – 2 • Speaking Task – 2
OCTOBER-18	<p>HORNBILL:</p> <ul style="list-style-type: none"> • Prose- Discovering Tut: The Saga Continues • Poem- Father to Son (By: Elizabeth Jennings) <p>SNAPSHOTS:</p>

	<ul style="list-style-type: none"> • Drama- Mother's Day(By: J. B. Priestley) <p>ASL:</p> <ul style="list-style-type: none"> • Listening Task – 3 • Speaking Task – 3
NOVEMBER-18	<p>HORNBILL:</p> <ul style="list-style-type: none"> • Prose- The Ailing Planet: The Green Movement's Role (By: NaniPalkhivala) • Prose- The Browning Version (By: Terrence Rattigan) <p>SNAPSHOTS:</p> <ul style="list-style-type: none"> • Prose- Birth (By: A. J. Cronin) • Poem- The Tale of Melon City (By: Vikram Seth) <p>ASL:</p> <ul style="list-style-type: none"> • Listening Task – 4 • Speaking Task – 4
DECEMBER-18	<p>HORNBILL:</p> <ul style="list-style-type: none"> • Prose- The Adventure (By: JayantNarlikar) • Prose- Silk Road (By: Nick Middleton) <p>SNAPSHOTS:</p> <ul style="list-style-type: none"> • Prose- The Ghat of the Only World (By: Vikram Seth) <p>READING SECTION: Note making and Summarizing</p> <p>ASL:</p> <ul style="list-style-type: none"> • Listening Task – 5 & 6 • Speaking Task – 5 & 6
JANUARY-19	REVISION FOR ANNUAL EXAMINATION
FEBRUARY-19	REVISION FOR ANNUAL EXAMINATION
MARCH-19	ANNUAL EXAMINATIONS

Subject: PHYSICS

SYLLABUS FOR EXAMINATIONS

EXAM	CHAPTER NAME
PT-1	<p>Unit I: Physical World and Measurement Chapter–1: Physical World,Chapter–2: Units and Measurements</p> <p>Unit II: Kinematics Chapter–3: Motion in a Straight Line. Chapter–4: Motion in a Plane</p>
HALF YEARLY EXAM	<p>Unit II: Kinematics Chapter–4: Motion in a Plane</p> <p>Unit III: Laws of Motion</p>

	<p>Chapter-5: Laws of Motion. Unit-IV Work, Energy and Power Chapter-6: Work, Energy and Power. Unit-VI Gravitation Chapter-8: Gravitation Unit-VII Properties of Bulk Matter Chapter-9: Mechanical Properties of Solids.</p>
PT-2	<p>Unit-VII Properties of Bulk Matter Chapter-9: Mechanical Properties of Solids. Chapter-10: Mechanical Properties of Fluids. Chapter-11: Thermal Properties of Matter Unit-V Motion of System of Particles and Rigid Body Chapter-7: System of Particles and Rotational Motion Unit-VIII Thermodynamics Chapter-12: Thermodynamics Unit-IX Behaviour of Perfect Gases and Kinetic Theory of Gases Chapter-13: Kinetic Theory Unit-X Oscillations and Waves Chapter-14: Oscillations. Chapter-15: Waves</p>
FINAL EXAM	<p>Unit I: Physical World and Measurement Chapter-1: Physical World, Chapter-2: Units and Measurements Unit II: Kinematics Chapter-3: Motion in a Straight Line. Chapter-4: Motion in a Plane Unit II: Kinematics Chapter-3: Motion in a Straight Line. Chapter-4: Motion in a Plan. Unit III: Laws of Motion Chapter-5: Laws of Motion. Unit-IV Work, Energy and Power Chapter-6: Work, Energy and Power. Unit-VI Gravitation Chapter-8: Gravitation Unit-VII Properties of Bulk Matter Chapter-9: Mechanical Properties of Soli Unit-VII Properties of Bulk Matter Chapter-9: Mechanical Properties of Soli Chapter-10: Mechanical Properties of Fluids. Chapter-11: Thermal Properties of Matter Unit-V Motion of System of Particles and Rigid Body Chapter-7: System of Particles and Rotational Motion Unit-VIII Thermodynamics Chapter-12: Thermodynamics Unit-IX Behaviour of Perfect Gases and Kinetic Theory of Gases Chapter-13: Kinetic Theory Unit-X Oscillations and Waves Chapter-14: Oscillations. Chapter-15: Waves</p>
MONTH-WISE SYLLABUS BREAK UP	
MONTH	CHAPTER/ LESSON NUMBER AND NAME
JUNE-18	<p>Unit I: Physical World and Measurement Chapter-1: Physical World. Chapter-2: Units and Measurements.</p>
JULY-18	Unit II: Kinematics

	Chapter-3: Motion in a Straight Line.
AUGUST-18	Unit II: Kinematics Chapter-4: Motion in a Plane.
SEPTEMBER-18	Unit III: Laws of Motion Chapter-5: Laws of Motion. Unit-IV Work, Energy and Power Chapter-6: Work, Energy and Power.
OCTOBER-18	Unit-IV Work, Energy and Power Chapter-6: Work, Energy and Power. Unit-VI Gravitation Chapter-8: Gravitation
NOVEMBER-18	Unit-VI Gravitation Chapter-8: Gravitation. Unit-VII Properties of Bulk Matter Chapter-9: Mechanical Properties of Solids. Unit-V Motion of System of Particles and Rigid Body Chapter-7: System of Particles and Rotational Motion
DECEMBER-18	Unit-VII Properties of Bulk Matter Chapter-9: Mechanical Properties of Solids. Chapter-10: Mechanical Properties of Fluids. Chapter-11: Thermal Properties of Matter
JANUARY-19	Unit-VII Properties of Bulk Matter Chapter-11: Thermal Properties of Matter Unit-V Motion of System of Particles and Rigid Body Chapter-7: System of Particles and Rotational Motion Unit-VIII Thermodynamics Chapter-12: Thermodynamics
FEBRUARY-19	Unit-VIII Thermodynamics Chapter-12: Thermodynamics Unit-IX Behaviour of Perfect Gases and Kinetic Theory of Gases Chapter-13: Kinetic Theory Unit-X Oscillations and Waves Chapter-14: Oscillations. Chapter-15: Waves
MARCH-19	Annual Examinations

Subject: CHEMISTRY

SYLLABUS FOR EXAMINATIONS	
EXAM	CHAPTER NAME
PT-1	1. Some Basic Concepts of Chemistry. 2. Structure of Atom.
HALF YEARLY EXAM	1. Some Basic Concepts of Chemistry. 2. Structure of Atom. 3. Classification of Elements. and Periodicity in Properties. 4. Chemical Bonding and

	Molecular structure. 5. States of Matter : Gases and Liquids.
PT-2	1. Chemical Thermodynamics. 2. Redox Reactions. 3. Organic Chemistry; Some Basic Principle and Techniques. 4. Hydrocarbon. 5. Thermodynamics. 6. S-block. 7. p-block. 8. Periodic Table. 9. Chemical bonding. 10. State of matter.
FINAL EXAM	ENTIRE SYLLABUS
MONTH-WISE SYLLABUS BREAK UP	
MONTH	CHAPTER/ LESSON NUMBER AND NAME
JUNE-18	Some Basic Concepts Of Chemistry
JULY-18	Atomic Structure, Periodic Table
AUGUST-18	Chemical Bonding, State Of Matter
SEPTEMBER-18	Thermodynamics, Redox
OCTOBER-18	General Organic Chemistry
NOVEMBER-18	Hydrocarbon, S-Block
DECEMBER-18	P-Block, Hydrocarbons
JANUARY-19	Equilibrium
FEBRUARY-19	Environmental Chemistry, Revision
MARCH-19	Final Examination

Subject: BIOLOGY

SYLLABUS FOR EXAMINATIONS	
EXAM	CHAPTER NAME
PT-1	<ul style="list-style-type: none"> • Cell : The Unit Of Life • Biomolecule
HALF YEARLY EXAM	<ul style="list-style-type: none"> • Cell Cycle And Cell Division • Biomolecule • Anatomy Of Flowering Plant • Cell : The Unit Of Life • Biomolecule
PT-2	<ul style="list-style-type: none"> • Structural Organisation In Animals • Respiration In Plant • Photosynthesis In Higher Plants • Transport In Plants • Mineral Nutrition

FINAL EXAM	<ul style="list-style-type: none"> • Cell : The Unit Of Life • Biomolecule • Anatomy Of Flowering Plant • Structural Organisation In Animals • Respiration In Plant • Photosynthesis in Higher Plants • Transport In Plants • Mineral Nutrition • Digestion And Absorption • Breathing And Exchange Of Gases • Body Fluid And Circulation • Excretory Products And Their Elimination • Locomotion And Movement • Neural Control And Coordination • Chemical Coordination And Integration • The Living World • Biological Classification • Plant Kingdom • Animal Kingdom
-------------------	---

MONTH-WISE SYLLABUS BREAK UP

MONTH	CHAPTER/ LESSON NUMBER AND NAME
JUNE-18	<ul style="list-style-type: none"> • • Cell : The Unit Of Life
JULY-18	<ul style="list-style-type: none"> • Biomolecule • Cell Cycle And Cell Division • Anatomy Of Flowering Plant
AUGUST-18	<ul style="list-style-type: none"> • Structural Organisation In Animals • Respiration In Plant • Photosynthesis
SEPTEMBER-18	<ul style="list-style-type: none"> • Transport In Plant • Mineral Nutrition • Plant Growth And Development
OCTOBER-18	<ul style="list-style-type: none"> • Digestion And Absorption • Breathing And Exchange Of Gases
NOVEMBER-18	<ul style="list-style-type: none"> • Chemical Control And Coordination • Body Fluid And Circulation • Excretion
DECEMBER-18	<ul style="list-style-type: none"> • Locomotion And Movement • Neural Control And Coordination • Living World And Biological Classification
JANUARY-19	<ul style="list-style-type: none"> • Plant Kingdom • Animal Kingdom
FEBRUARY-19	REVISION FOR ANNUAL EXAM
MARCH-19	ANNUAL EXAM

Subject: ECONOMICS

SYLLABUS FOR EXAMINATIONS

EXAM	CHAPTER NAME
PT-1	1. Development policies and Experience 2. Economic Reforms since 1991 3. Collection and Organization of Data 4. Presentation of Data
HALF YEARLY EXAM	1. Economic Reforms since 1991 2. Current challenges facing the Indian Economy. 3. Human capital formation in India 4. Rural Development 5. Measurement of central tendency 6. Correlation
PT-2	1. Employment 2. Infrastructure 3. Environment and sustainable development 4. Correlation 5. Index Numbers
FINAL EXAM	ENTIRE SYLLABUS
MONTH-WISE SYLLABUS BREAK UP	
MONTH	CHAPTER/ LESSON NUMBER AND NAME
JUNE-18	<u>Unit -1: Introductory Micro Economics</u> Introduction Meaning of Micro And Macro Economics; Positive And Normative Economics, PPC and Opportunity Cost <u>Statistics: Unit -1</u> Introduction: What is Economics? Meaning, Scope, Function and importance of statistics in Economics
JULY-18	<u>Unit- 2 : Equilibrium and Demand</u> Consumer's Equilibrium: Meaning of Utility, Marginal utility, Law of diminishing marginal utility. Conditions of consumers's Equilibrium using Marginal Utility Analysis. Indifference Curve Analysis, Consumers 's budget, Preference of consumers <u>Statistics- Unit-2</u> Collection, Organisation and Presentation of data Sources of data- Primary and secondary; how basic data is

	<p>collected Sampling and non sampling errors Method of collecting data. Important sources of secondary data. Census of India and National Sample Survey Organisation.</p>
AUGUST-18	<p><u>Unit- 2: Economics</u> Demand , Market demand, determinants of demand, demand schedule, demand curve and its slope Movement along and shift in the demand curve,</p> <p>Price Elasticity of demand, Factor affecting elasticity of demand, Measurement of price elasticity of demand- Percentage- Change Method</p> <p><u>Statistics- Unit-2</u> Organisation of data: Meaning and types of Variables; Frequency Distribution Presentation of data</p>
SEPTEMBER-18	<p><u>Economics- Unit III</u> Producer's behaviour and supply Meaning of production function- Short run and long run, Return to a factor. Cost : short run cost- total cost, total fixed cost, total variable cost Average cost etc. Revenue- Total ,Average and Marginal revenues- Meaning and their relationship.</p> <p><u>Statistics-3 Statistical tools and Interpretation</u> Measurement of Central Tendency- Mean, Median and Mode</p>
OCTOBER-18	<p>Producer's Equilibrium – Meaning and its conditions in terms of marginal revenue- Marginal cost Supply: Market supply , determinants of supply, supply schedule ,supply curve and its slope, Movement along and shift in supply curve</p> <p><u>Statistics- Unit -3</u> Correlation</p>
NOVEMBER-18	<p>Price Elasticity of Supply, Measurement of price elasticity of Supply- Percentage- Change method.</p> <p><u>Economics- Unit- 4: Forms of Market and Price Determination Under Perfect competition with Simple Applications</u></p> <p>Perfect Competition- Features; Determination of Market equilibrium and effects of shifts in demand and supply. Other Market Forms- Monopoly, Monopolistic competition, Oligopoly- their meaning and features Simple Application of demand and supply: Price ceiling, price floor.</p>

	Statistics-Unit-3 Spearman's Correlation
DECEMBER-18	Economics Revision Statistics: Unit-3 Introduction to Index Numbers: Meaning, Types- Whole sale Price Index, Consumers Price Index and Index of Industrial Production Use of Index Numbers; Inflation and Index Numbers
JANUARY-19	Economics: Revision Statistics: Revision
FEBRUARY-19	Revision of the whole Syllabus
MARCH-19	Annual Exam

Subject: PHYSICAL EDUCATION

SYLLABUS FOR EXAMINATIONS	
EXAM	CHAPTER NAME
PT-1	* Changing Trends and in Physical Education * Olympic Movement
HALF YEARLY EXAM	* Changing Trends and in Physical Education * Olympic Movement * Physical Fitness, Wellness & Lifestyle * Physical Education and Sports for Differently Abled * Yoga * Physical Activity and Leadership Training
PT-2	* Olympic Movement * Physical Education and Sports for Differently Abled * Test and measurement and Evaluation * Fundamentals of Anatomy Psychology
FINAL EXAM	* Changing Trends and in Physical Education * Olympic Movement * Physical Fitness, Wellness & Lifestyle * Physical Education and Sports for Differently Abled * Yoga * Physical Activity and Leadership Training * Test and measurement and Evaluation * Fundamentals of Anatomy Psychology * Kinesiology, Biomechanics and Sports * Psychology and Sports * Training in Sports *Doping

MONTH-WISE SYLLABUS BREAK UP

MONTH	CHAPTER/ LESSON NUMBER AND NAME
JUNE-18	Unit-1::Changing Trends and in Physical Education(P.T.-1)
JULY-18	Unit-2::Olympic Movement(P.T.-1) Unit-3::Physical Fitness, Wellness & Lifestyle Unit-4:: Physical Education and Sports for Differently Abled (Begin)
AUGUST-18	Unit-4:: Physical Education and Sports for Differently Abled Unit-5:: Yoga Unit-6:: Physical Activity and Leadership Training(Beggin)
SEPTEMBER-18	Unit-6:: Physical Activity and Leadership Training
OCTOBER-18	Unit-7:: Test, Measurement and Evaluation
NOVEMBER-18	Unit-8:: Fundamentals of Anatomy and physiology Unit-9:: Kinesiology, Biomechanics and Sports(Begin)
DECEMBER-18	Unit-9:: Kinesiology, Biomechanics and Sports Unit-10:: Psychology and Sports
JANUARY-19	Unit-11:: Training and Sports
FBRUARY-19	Unit-12:: Doping REVISION FOR ANNUAL EXAMINATION
MARCH -19	ANNUAL EXAMINATION

Subject: MATHS

SYLLABUS FOR EXAMINATIONS

EXAM	CHAPTER NAME
PT-1	1. Sets 2. Relations and Functions 3. Trigonometric Functions
HALF YEARLY EXAM	1. Sets 2. Relations and Functions 3. Trigonometric Functions 4. Principle of Mathematical Induction 5. Complex Numbers and Quadratic Equations 6. Linear inequalities
PT-2	1. Sets 2. Relations and Functions 3. Trigonometric Functions 4. Principle of Mathematical Induction 5. Complex Numbers and Quadratic Equations 6. Linear inequalities 7. Permutations and Combinations

	8. Binomial Theorems 9. Sequences and Series
FINAL EXAM	1. Sets 2. Relations and Functions 3. Trigonometric Functions 4. Principle of Mathematical Induction 5. Complex Numbers and Quadratic Equations 6. Linear inequalities 7. Permutations and Combinations 8. Binomial Theorems 9. Sequences and Series 10. Straight Lines 11. Conic Sections 12. Introduction to 3-D Coordinate Geometry 13. Limits and Derivatives 14. Mathematical Reasoning 15. Statistics 16. Probability
MONTH-WISE SYLLABUS BREAK UP	
MONTH	CHAPTER/ LESSON NUMBER AND NAME
JUNE-18	Sets
JULY-18	2. Relations and Functions 3. Trigonometric Functions
AUGUST-18	4. Principle of Mathematical Induction 5. Complex Numbers and Quadratic Equations 6. Linear Inequalities
SEPTEMBER-18	7. Permutations and Combinations 8. Binomial Theorems
OCTOBER-18	9. Sequences & Series
NOVEMBER-18	10. Straight Lines 11. Conic Sections 12. Introduction to 3-D Geometry
DECEMBER-18	13. Limits and Derivatives
JANUARY-19	14. Mathematical Reasoning 15. Statistics 16. Probability
FEBRUARY-19	Revision
MARCH - 19	ANNUAL EXAMINATION

Subject: LEGAL STUDIES

SYLLABUS FOR EXAMINATIONS	
EXAM	CHAPTER NAME
PT-1	UNIT 1 Theory and Nature of Political Institutions 1. Concept of State and Nation

	2. Organs of Government
HALF YEARLY EXAM	UNIT 1 Theory and Nature of Political Institutions 1. Concept of State and Nation 2. Organs of Government 3. Separation of Powers 4. Basic Features of the Constitutions UNIT 2 Nature and Sources of Laws 1. Nature and Meaning of Law 2. Classification of Law 3. Sources of Law 4. Law Reform
PT-2	UNIT 1 Theory and Nature of Political Institutions UNIT 2 Nature and Sources of Laws UNIT 3 Historical Evolution of The Indian Legal System UNIT 4 Judiciary : Constitutional, Civil and Criminal Courts and Processes
FINAL EXAM	Entire syllabus

**MONTH-WISE SYLLABUS BREAK UP
(Legal Studies)**

MONTH	CHAPTER/ LESSON NUMBER AND NAME
JUNE-18	UNIT 1 Theory and Nature of Political Institutions 1. Concept of State and Nation
JULY-18	2. Organs of Government 3. Separation of Powers 4. Basic Features of the Constitutions
AUGUST-18	UNIT 2 Nature and Sources of Laws 1. Nature and Meaning of Law 2. Classification of Law 3. Sources of Law
SEPTEMBER-18	4. Law Reform UNIT 3 Historical Evolution of The Indian Legal System 1. Ancient Indian Law
OCTOBER-18	2. Administration of Justice in British India 3. Making of the Indian Constitution
NOVEMBER-18	UNIT 4 Judiciary : Constitutional, Civil and Criminal Courts and Processes 1. Judiciary : Constitutional, Civil and Criminal Courts and Processes
DECEMBER-18	UNIT 5 Family Justice System
JANUARY-19	UNIT 5 Family Justice System
FEBRUARY-18	REVISION FOR ANNUAL EXAMINATION

MARCH-18	ANNUAL EXAMINATIONS
----------	---------------------

Subject: COMPUTER SCIENCE

SYLLABUS FOR EXAMINATIONS	
EXAM	CHAPTER NAME
PT-1	Chapter 1 – Computer Overview Chapter 2 – Software Concepts Chapter 3 – Data Representation Chapter 4 – Microprocessor Basics and Memory Concepts
HALF YEARLY EXAM	Portion of Periodic Test 1 and Chapter 5 – General OOP Concepts Chapter 6 – Getting Started with C++ Chapter 7 – Data Handling Chapter 8 – Operators & Expressions Chapter 9 – C++ Latest Standards Chapter 10 – Flow of Control
PT-2	Portion of Half-Yearly and Chapter 11 – Functions
FINAL EXAM	Portion of Periodic Test 2 and Chapter 12 – Array Chapter 13 - Structure
Month-Wise Syllabus Break Up (Computers)	
JUNE-18	Chapter 1 – Computer Overview
JULY-18	Chapter 2 – Software Concepts Chapter 3 – Data Representation Chapter 4 – Microprocessor Basics and Memory Concepts
AUGUST-18	Chapter 5 – General OOP Concepts Chapter 6 – Getting Started with C++ Chapter 7 – Data Handling
SEPTEMBER-18	Chapter 8 – Operators & Expressions Chapter 9 – C++ Latest Standards Chapter 10 – Flow of Control
OCTOBER-18	Chapter 11 – Functions
NOVEMBER-18	Chapter 12 - Array
DECEMBER-18	Chapter 13 – Structure

JANUARY-19	REVISION
FBRUARY-19	REVISION FOR ANNUAL EXAMINATION
MARCH-19	ANNUAL EXAMINATIONS



Litera Valley School, Bhagwat Nagar, Patna 800026

School Office : 7260842333, 9771400255

Website: www.literavalleyschool.in

E-mail: info@literavalleyschool.in