

## XI - ENGLISH (CORE)

Month	Syllabus Content	Teaching Aids	Activities
April	<b>Hornbill</b> L-1 The Portrait of a Lady P-1 Photograph <b>Snapshots</b> L-1 The Summer of the Beautiful White Horse <b>Writing</b> - Articles, Notices and Speeches <b>Grammar</b> - Determiners	Text Book, Dictionary, Green Board, Chalk & Duster, Smart Board, Dictionary  Ref. Books, Chalk sticks  Green Board, Chalk Sticks, Duster & Smart Board	Silent Reading, Discussion & Explanation Write a pen portrait of your Grand Parents  Discussion of Format & Value Points
	<b>May</b> <b>Hornbill</b> L-2 We are not Afraid to Die....If We can All Be Together” P-2 The Laburnum Top <b>Snapshots</b> L-2 The Address <b>Writing</b> - Advertisements, Posters <b>Grammar</b> - Tenses, Voices <b>Reading for Comprehension</b>	Text Book, Dictionary, Black Board, Chalk & Duster, Smart Board, Dictionary  Ref. Books, Chalk  Chalk, Duster & Smart Board	Silent Reading, Discussion & Explanation. Labelling a picture of a ship.  Cutting & Pasting Ads. from newspaper Discussion of Format & Value Points
June	<b>SUMMER VACATION</b>		
July	<b>Hornbill</b> L-3 Discovering Tut : The Saga Continues..... L-4 The Landscape of the soul <b>Snapshots</b> L-3 Ranga's Marriage  <b>Writing</b> : Letters <b>Reading</b> Note Making & Summarizing	Text Book, Dictionary, Chalk, Board, Chalk & Duster, Smart Board, Dictionary  Ref. Book, Chalk, Board, Chalk, Duster & Smart Board	Silent Reading, Discussion & Explanation Documentary on King Tut  Discussion of format & Value Points

Month	Syllabus Content	Teaching Aids	Activities
<b>Aug.</b>	<b>Hornbill</b> L-5 The Ailing Planet : The Green Movement's Role P-3 The Voice of the Rain <b>Snapshots</b> L-4 Albert Einstein at School <b>Grammar</b> - Narration <b>Writing</b> : Report Writing	Text Book, Dictionary, Chalk Board, Chalk & Duster, Smart Board, Dictionary	Silent Reading, Discussion & Explanation Poster Making on 'Save Earth'  Discussion of format Value points
<b>Sep.</b>	<b>Revision &amp; Half Yearly Exams</b>		
<b>Oct.</b>	<b>Hornbill</b> L-6 The Browning Version P-4 Childhood <b>Snapshots</b> L-5 Mother's Day L-6 The Ghat of the only world <b>Grammar</b> - Clauses	Text Book, Dictionary, Chalk Board, Chalk & Duster, Reference Book	Silent Reading, Discussion & Explanation, Presentation by Students
<b>Nov.</b>	<b>Hornbill</b> L-7 The Adventure P-5 Father to Son <b>Snapshots</b> L-7 Birth L-8 The Tale of Melon City <b>Grammar</b> - Modals <b>ASL Practice</b>	Ref. Book, Chalk Board, Chalk Sticks, Duster, Dictionary Prompts	Silent Reading, Discussion & Explanation. Presentation by students Speaking & Listening Activities
<b>Dec.</b>	<b>Hornbill</b> L-8 Silk Road  Revision of Writing & Grammar	Ref. Book, Chalk Board, Chalk Sticks, Duster, Dictionary	Silent Reading, Discussion & Explanation. Presentation by students
<b>Jan.</b>	<b>PRE-BOARD EXAMS</b>		
<b>Feb.</b>	<b>REVISION &amp; ANNUAL EXAMS</b>		

**Question Paper Design 2018-19 Class XI**

Typology	Typology of Questions/ Learning Outcomes	MCQ 1 Mark	Very Short Answer Question 1 Mark	Short Answer Question 3 Mark	Short Answer Question 4 Mark	Long Answer 1(80-100 words) 5 marks	Long Answer 2(120-150) words 6 marks	Very Long Answer 150-200 words (HOTS) 10 Marks	Total Marks	Over all %
Reading Skills	Conceptual Understanding, decoding, analyzing, inferring, interpreting, appreciating, literary conventions and vocabulary, summarising and using appropriate format/s	6	6	1	---	1	---	---	20	20
Writing Skills and Grammar	Reasoning, appropriacy of style and tone, using appropriate format and fluency inference, analysis, evaluation and creativity, appreciation applying of languages conventions, comprehension using structures integratively, accuracy and fluency	-	10	-	1	-	1	1	30	30
Literary Text books and Supplementary Reader	Recalling, reasoning, appreciating a literary conventions inference, analysis, evaluation, creativity with fluency	---	3	3	-	-	3	-	30	30
Assessment of listening and speaking skills	Interaction, reasoning, diction, articulation, clarity, pronunciation and overall fluency	-	-	-	-	4	-	-	20	20
	<b>Total</b>	6x1=6	19 x 1=19	4x3=12	1x4=4	5x5=25	4x6=24	1x10 =10	100	100

MONTH	WD	T.D	UNITS	CHP./ Topic	Contents with Sub Topics	TPA	Activity/ Practical	ASS./ W.S.	Remarks
April	22	21	I (Sets and Functions)	Sets	Sets and their representations, Empty set, Finite and Infinite sets, equal sets, subsets, subsets of the set of real numbers especially intervals (with notations, power set, universal set, Venn Diagrams, Union and Intersection of sets, Difference of sets, complement of a set. Properties of complement sets. Practical problems based on sets.	12	Activity on word problems/value based questions, to prepare a model of application of sets using venn-diagram	2	
	16	14	II (Algebra)	Linear Inequalities	Linear inequalities, Algebraic solutions of Linear inequalities in one variable and their representation on the number line, graphical solution of linear inequalities in two variables, solution of system of linear inequalities in two Variables-Graphically.	14	Related to Graphical Solution		
			II (Algebra)	Principle of Mathematical Induction	Process of the proof by induction, motivating the application of the method by looking at the natural numbers as the least inductive subset of real numbers, the Principal of Mathematical induction and simple applications.				

MONTH	WD	T.D	UNITS	CHP./ Topic	Contents with Sub Topics	TPA	Teaching Aids	ASS./ W.S.	Ren
May	18	16	VI (Statistics & Probability)	Statistics	Measure of Dispersion : Mean Deviation, variance and Standard deviation of Ungrouped /Grouped data, analysis of frequency distributions with equal means but different variances	10	To find the mean marks of the students of your class in first term exams, Activity related to mis-spelt	1	
			I (Sets and Functions)	Relations & Functions	Ordered pairs, Cartesian product of sets, Number of elements in the cartesian product of two finite sets, cartesian product of the sets of reals (upto $R \times R \times R$ ) definition of relation, pictorial diagrams, domain, co-domain and range of a relation, Function as a special kind of relation from one set to another, pictorial representation of a function, domain, co-domain & range of a function, real valued function of the real variable, domain and range of this functions-Constant, Identity, Polynomial, Rational, modulus, Signum, Exponential, Logarithm & greatest Integer functions with their graphs. Sum, difference, product and quotients of functions.	12	Activity related to Graphic representation of All function		

### SUMMER VACATIONS

June			II (Algebra)	Sequence and Series	Sequence & series, Arithmetic Progression (A.P.), Arithmetic mean (A.M.) Geometric progression (G.P.) general term of A.G.P., Sum of n terms of G.P., G.M., relation B/N.A.M. & G.M., sums to n terms of the special series : $\sum n$ , $\sum n^2$ & $\sum n^3$ .	14			
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MONTH	WD	T.D	UNITS	CHP./ Topic	Contents with Sub Topics	TPA	Teaching Aids	ASS./ W.S.	Ren
August			I (Sets and Functions)	Trigonometric Functions	Positive and Negative angles, measuring angles in Radians & in degrees and conversion from one measure to another, definition of Trigonometric functions with the help of unit circle, truth of the identities, signs of trigonometric functions and sketch of their Graphs, Expressing $\sin(x \pm y)$ & $\cos(x \pm y)$ In terms of $\sin x$ , $\sin y$ , $\cos x$ & $\cos y$ . Identities related to $\sin 2x$ , $\cos 2x$ , $\tan 2x$ , $\sin 3x$ , $\cos 3x$ & $\tan 3x$ . General solution of Trigonometric equations of the type $\sin \theta = \sin \alpha$ , $\cos \theta = \cos \alpha$ , $\tan \theta = \tan \alpha$ . Proofs and simple applications of sine and cosine formulae.	12		1	
			II (Algebra)	Complex Numbers & Quadratic Equations	Need for complex numbers, especially $\sqrt{-1}$ , to be motivated by inability to solve every Quadratic equation. Brief description of Algebraic properties of complex numbers. Argand plane and polar. Representation of Complex Numbers, statements of Fundamental Theorem of Algebra, Solution of Quadratic Equations in the complex number system. Square root of a Complex Number system. Square root of a complex number.	10	Argand Plane & its Application		
			II (Algebra)	(Permutations & Combinations)	Fundamental Principle of counting, Factorial n, permutations and combinations, derivation of formulae and their connections, simple applications.r.		Activity related to sitting arrangements, alphabets in a word		

MONTH	WD	T.D	UNITs	CHP./ Topic	Contents with Sub Topics	TPA	Teaching Aids	ASS./ W.S.	Rem
			II (Algebra)	Binomial Theorem	History, statement and proof of the Binomial Theorem for positive integral indices, Pascal's Triangle, general and middle term in Binomial Expansion, simple applications.	10	To explore the Pascal Triangle and generalize the expansion of Binomial Expression $(a+b)^n$		

### REVISION & EXAMS

22 24	20 22	III (Co-ordinate Geometry)	Straight Lines	Brief recall of 2D from earlier classes, slope of a line and angle between two lines, various forms of equation of a line : Parallel to Axes, Point-slope form, slope-intercept form, Two point form, Intercept form & Normal form, General Equation of a line, distance of a point from a line.	12	Using slope, find the number of students of your school in year 2017 whenever no. of students in the year 2000 and 2010 are provided by the teacher.		
		III (Co-ordinate Geometry)	Conic section	Sections of a cone : Circle, Parabola, Ellipse, Hyperbola, A Point, A straight line and pair of intersecting lines as a degenerated case of a conic section, standard equations and simple properties of Parabola, Ellipse and Hyperbola, Standard Equation of circle.		To identify shapes of a model of conic section.		
		III (Co-ordinate Geometry)	Introduction to three Dimensional Geometry	Co-ordinate axes and co-ordinate planes in three dimensions. co-ordinates of a point, distance between two points and section formula.		To prepare a model on representation of three dimensional geometry		

MONTH	WD	T.D	UNITs	CHP./ Topic	Contents with Sub Topics	TPA	Teaching Aids	ASS./ W.S.	Ren
			IV (Calculus)	Limits and Derivatives	Derivative introduced as a rate of change both as that of distance function and geometrically, intuitive idea of limit definition of derivative, relate it to slope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions.	15		1	
			V (Mathematical Reasoning)	Mathematical Reasoning	Mathematically acceptable statements, connecting words/phrases - consolidating the understanding of "if and only if", "Implies", "And/Or", "Implied by", "And", "Or", "There exists" and their use through variety of examples related to real life and mathematics. Validating the statements involving the connecting words-difference between contradiction, converse and contra-positive.	10	Active related to value based questions		
	26	24	VI (Statistics & Probability)	Probability	Random experiments; outcomes, sample spaces (set representation). Events : occurrence of events, "NOT", "AND" & "OR" events, exhaustive events, mutually exclusive events, axiomatic probability, connections with the theories of earlier classes. Probability of an event, probability of "NOT", "AND" & "OR" events.				

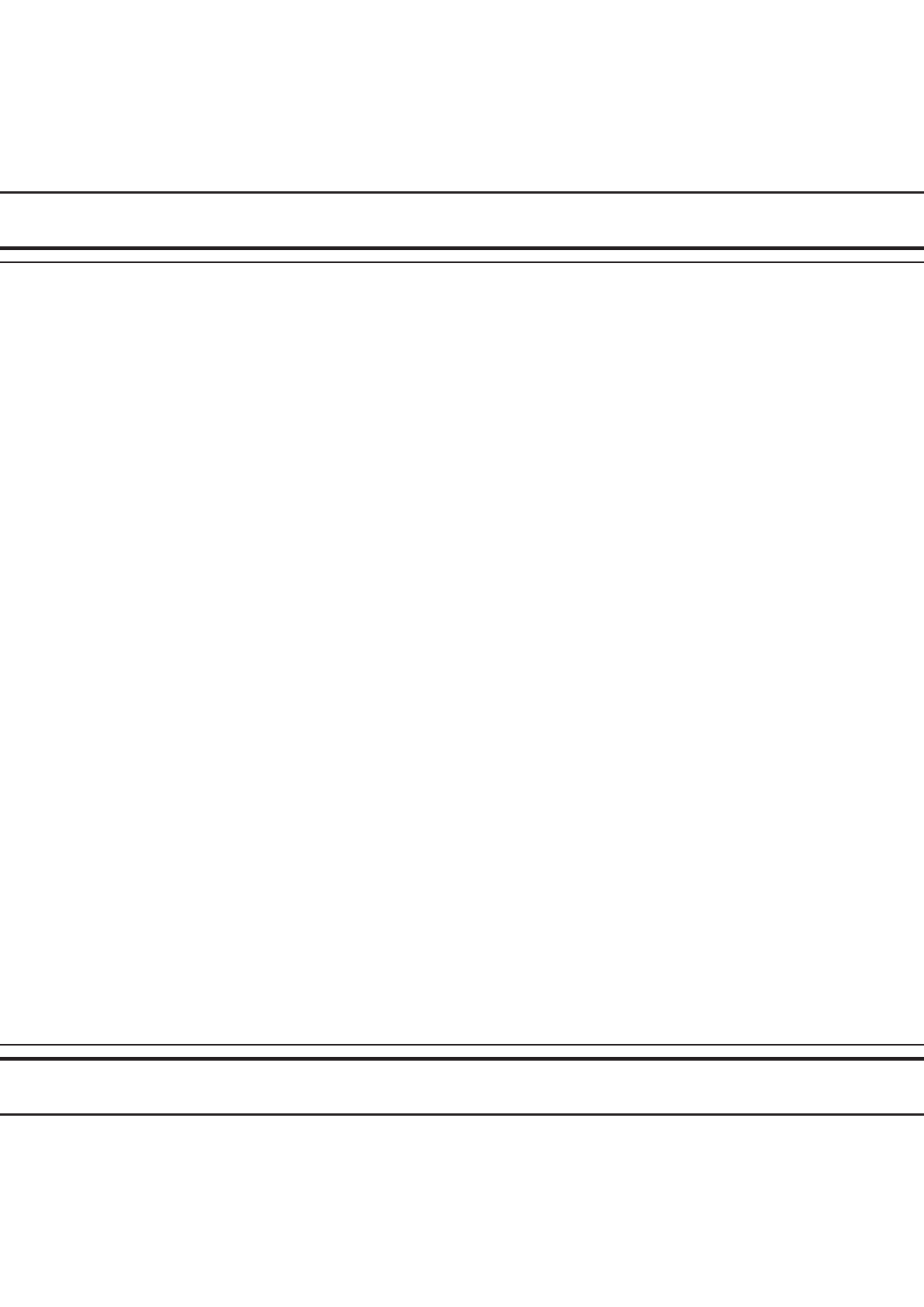
### REVISION

### REVISION OF PRE ANNUAL EXAM

### ANNUAL EXAMINATIONS

Abbreviation : Mon=Month, WD=Working Days, TD=Teaching Day, CHP=Chapter, TPR=Teaching Period, ASSIGNED=Assignment, Ws-Worksheet





## XI - Business Study

### Teaching and Activities

### Project Work

Month	Frame Work	Teaching Aids	Activities	Project Work
April	Evolution & Fundamentals of Business Revision and Test (Including History of Commerce)	Text Book, Black Board, Chalk Duster	Select a local enterprise and find out the objective to study the profit of sole proprietorship business.	Visit a mall, Whole sale marking Department store etc.
May	Forms of business organizations,	Text Book, Black Board, Chalk, Duster	To study the profit of partnership firm	
July	Private, Public and Global Enterprises Revision and Test		Make a list of Indian Companies entering, into joint venture	
Aug.	Business Services Revision and Test	-do-	Identify the list of various services provided or used in Business	Identify the different aids used in business and how they are removing obstacles
<b>Revision &amp; Exams</b>				
Oct.	Social Responsibility and Business ethics Revision and Tests	-do-	Read Newspaper Magazine and Identify responsibility of Firms.	
	Sources of Business Finance	Text Book, Black Board, Chalk Duster	Prepare a chart of all sources of finance	Project Work on Stock Exchange
<b>Revision &amp; Exams</b>				
Nov.	Small Business  Internal Trade Revision & Test (Including GST Concept & Key Features)	-do-	Prepare a questionnaire to find out the actual problems faced by owners	Prepare a project on whole sale market
Dec.	International Business	-do-	Visit international trade fair & study the role of different organisation	
<b>Revision &amp; Exams</b>				

**XI - Business Studies (Code 054)**  
**100 Marks.** **3 Hrs.**

Units	Marks Annual
<b>Part- A : Foundation of Business</b>	
1. Evolution and Fundamentals of Business ]	20
2. Forms of business organization ]	
3. Private , Public & Govt. Enterprises ]	18
4. Business Service ]	
5. Emerging modes of Business ]	12
6. Social Responsibility of Business and business ethics ]	
	<b>50</b>
<b>Part- B : Finance and Trade</b>	
1. Sources of Business Finance ]	20
8. Small Business ]	
9. Internal Trade ]	20
10. International Business ]	10
11. Project Work ]	
	<b>50</b>
	<b>100</b>

## Class : XI - Economics

Month	Topic	Teaching Aids	Activities
<b>Part-A Statistics for Economics</b>			
<b>April</b>	Unit-1 Ch-1 Introduction  Revision and Test	Chalk, Duster Black Board	Preparation of questionnaire  To make a chart showing presentation of data via tables and diagrams
<b>May</b>	Unit-2 Collection Organization and presentation of data. Collection of Data  Organization of Data  Presentation of Data  Revision and Test	Chalk , Duster and Black Board      Chalk Duster and B.B.	
<b>July</b>	Unit- 3 Statistical tools of interpretation Measures of Central Tendency	Chalk Duster and B.B.	
<b>Revision &amp; exams</b>			
<b>August</b>	Measures of Dispersion Correlation  Index Numbers	Chalk Duster and Black Board	
<b>September</b>	<b>Revision &amp; Test</b>		
<b>Part-B Introductory Micro Economics</b>			
<b>October</b>	Introduction  Consumer Equilibrium & demand  Producer behaviour and Theory of Cost	Black Board, Chalk & Duster	To study central problems of the economy  To study the different methods of measuring elasticities of demand.  To study the production function and determinates of supply

### Revision & exams

Month	Topic	Teaching Aids	Activities
Nov.	4. Theory of Supply and Forms of Market and price Determination under perfect Competition with simple application  Revision of Test	Black Board, Chalk & Duster	To study different forms of market and effect of govt. intervention in market
Dec.	Revision & Exams		

**Time 3 Hrs.**

**Weightage to Content**

**XI- Design Economics**

**M.M. : 90**

S. NO.	Name of Unit / Topics	Marks Annual
	<b>Part -A Statistics for Economics</b>	13
1.	Introduction	
2.	Collection, Organisation & Presentation of data	
3.	Statistical tools & Interpretation	27
	<b>Total</b>	<b>40</b>
	<b>Part -B Indian Economic Development</b>	
4.	Introduction	12
5.	Consumer Equilibrium & demand	
6.	Producer behaviour and Theory of Cost	20
7.	Theory of Supply and Forms of Market and price Determination under perfect Competition with simple application	8
	<b>Theory Paper (40+40) = 80 marks</b>	<b>40</b>
	<b>Project Work</b>	<b>20</b>
	<b>Grand Total</b>	<b>100</b>

**Economics XI**

**Question Paper Design (2017-18)**

**Marks : 80**

**Duration : 3 Hr.**

S. No.	Typology of Questions	Very Short Answer/ MCQ 1 Marks	Short Answer II 3 Marks	Short Answer I 4 Marks	Long Answer 6 Marks	Marks	%
1	Remembering - (Knowledge based Simple recall questions, to know specific facts, terms, concepts, principles, or theories, identify, define, or recite, information)	2	-	2	2	22	27%
2	Understanding - (Comprehension - to be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, paraphrase, or interpret information)	2	1	2	1	19	24%
3	Application (Use abstract information in concrete situation, to apply knowledge to new situations, use given content to interpret a situation, provide an example, or solve a problem)	2	1	1	1	15	19%
4	High Order Thinking skills (Analysis & Synthesis - Classify, Compare, Contrast, or Differentiate between different pieces of information, organize and/or integrate unique pieces of information from a variety of sources)	1	1	1	1	14	17%
5	Evaluation and Multi-Disciplinary - (Appraise, Judge, and/or Justify the value or worth of a decision or outcome, or to predict outcomes based on values)	1	1	-	1	10	13%
	<b>Total</b>	<b>8x1=8</b>	<b>4x3=12</b>	<b>6x4=24</b>	<b>6x6=36</b>	<b>80 (24)</b>	<b>100%</b>

Note : There will be Internal Choice in questions of 3 marks, 4 marks and 6 marks in both sections (A and B). (Total 3 internal choices in section A and total 3 internal choices in Section B).

## CLASS - XI CHEMISTRY

Month	Topic	Teaching Aids	Activities	Practicals
April	1. Some basic concept of Chemistry 2. Structure of Atom Revision & Test	Board, Chalk, Duster Board, Chalk, Duster	To draw diagram and make models	Content based Experiments cutting & bending of glass tube, Drawing of Jet, Boring of Cork, crystal Preparation
May	3. Classification of Elements 4. Chemical Bonding Revision and Test	Chart of Periodic Table Board, Chalk, Duster Ball & Stick models	To make a chart of Periodic Table  Write electronic config. of element. Assign gp no. & period no. to elements  Make models of $\text{CH}_4$ , $\text{CH}_2 = \text{CH}_2$ etc.	Volumetric Analysis- Acid/base Titrations
July	5. States of Matter	Board, Chalk Duster Example From daily life		Volumetric Analysis- Acid/base Titrations
August	6. Thermodynamics 7. Equilibrium Revision & test	Example from daily life	To find the pH of beverages like milk, juice etc.	To find the pH of milk, Coffee, lemon juice etc.
Sep.	7. Equilibrium Contd. 8. Redox reactions Revision & Test	Example from daily life Electrochemical cell	Prepare an electro-chemical cell and check its working	Inorganic Salt analysis
Oct.	9. Hydrogen 10. S-Block element 11. p-Block elements (Group 13)	Chart of periodic table Ball & Stick Models	Demonstration of acidic & basic nature of their oxide & hydroxide	Inorganic Salt analysis

Month	Topic	Teaching Aids	Activities	Practicals
Nov.	11. p-Block Elements (14-15 Group) 12. Organic Chem- some Basic Concepts Revision & Test	Chart of periodic table  Ball & Stick Models	Detection of N, S, X in organic compounds	Inorganic Salt analysis
Dec.	13. Hydrocarbons 14. Environmental Chemistry Revision & Test	Ball & Stick Models  Board, Chalk, Duster  Examples from daily life	Check proper disposal of waste in school campus	To detect the presence of N,S, and halogen compound

**Syllabus to be Completed by December  
Revision and Exams**

**COURSE STRUCTURE**

Total Periods (Theory 160 + Practical 60)

Time : 3 Hours

70 Marks

Unit No.	Title	No. of Periods	Marks
Unit I	Some Basic Concepts of Chemistry	08	08
Unit II	Structure of Atom	10	
Unit III	Classification of Elements and Periodicity in Properties	06	04
Unit IV	Chemical Bonding and Molecular Structure	14	20
Unit V	States of Matter : Gases, Liquids and Solids	18	
Unit VI	Chemical Thermodynamics	16	
Unit VII	Equilibrium	14	
Unit VIII	Redox Reactions	06	20
Unit IX	Hydrogen	08	
Unit X	s-Block Elements	10	
Unit XI	p-Block Elements	18	
Unit XII	Organic Chemistry : Some basic Principles & Techniques	14	18
Unit XIII	Hydrocarbons	12	
Unit XIV	Environmental Chemistry	06	
	Total	160	



**Question Paper Design Class - XII**

Time : 3 Hours

Max. Marks : 70

S. No.	Typology of Questions	Very Short Answer (VSA) (1 Mark)	Short Answer-I (SA-I) (2 Marks)	Short Answer-II (SA-II) (3 Marks)	Long Answer (LA) (5 Marks)	Total Marks	% Weigh-tage
1.	Remembering-(Knowledge based Simple recall questions, to know specific facts, terms, concepts, principles, or theories, identify, define, or recite, information)	2	1	1	-	7	10%
2.	Understanding - Comprehension to be familiar with meaning and to understand conceptually interpret, compare, contrast, explain, paraphrase information)	-	2	4	1	21	30%
3.	Application (Use abstract information in concrete situation, to apply knowledge to new situations, Use given content to interpret a situation, provide an example, or solve a problem)	-	2	4	1	21	30%
4.	High Order Thinking Skills (Analysis & Synthesis- Classify, compare, contrast, or differentiate between different pieces of information, Organize and/or integrate unique pieces of information from a variety of sources)	2	-	1	1	10	14% <sup>1</sup>
5.	Evaluation -(Appraise, judge, and/or justify the value or worth of a decision or outcome, or to predict outcomes based on values)	1	2	2	-	11	16%
	<b>Total</b>	5x1=5	7x2=14	12x3=36	3x5=15	70(27)	100%

### Question Wise Break UP

Type of Question	Mark per Question	Total No. of Questions	Total Marks
VSA	1	5	05
SA-I	2	7	14
SA-II	3	12	36
LA	5	3	15
<b>Total</b>		<b>27</b>	<b>70</b>

- Internal Choice : There is no overall choice in the paper. However, there is an internal choice in one question of 2 marks weightage, one question of 3 marks weightage and all the three questions of 5 marks weightage.
- The above template is only a sample. Suitable internal variations may be made for generating similar templates keeping the overall weightage to different form of questions and typology of questions same.

### PRACTICALS

Evaluation Scheme for Examination	Marks
Volumetric Analysis	08
Salt Analysis	08
Content Based Experiment	06
Project Work	04
Class record and Viva	04
<b>Total</b>	<b>30</b>

## XI- Biology

Month		Activities/Practicals
<b>April</b>	Ch-1 The living world Ch-2 Biological classification Ch-3 Plant kingdom	Preparation of Herbarium
<b>May</b>	Ch-4 Animal kingdom Ch-5 morphology of flowering plants	
<b>July</b>	Ch-6 Anatomy of flowering plants Ch-7 structural organisation in animals Ch-8 Cell the unit of life	Study of dissections of monocot Dicot Stems and roots Exhibition of Summer Project Work
<b>August</b>	Ch-9 Biomolecules Ch-10 Cell cycle Ch-11 Transportation in Plants	Study of Tissues by permanent slides. Slides of cell division
<b>Sep</b>	Ch-12 Mineral nutrition	Assessment of Half Yearly Exams
<b>Oct</b>	Ch-13 Photosynthesis in higher plants Ch-14 Respiration in plants Ch-15 Plant growth and development Ch-16 Digestion and absorption in animals	Preparation of slides of cell division
<b>Nov</b>	Ch-17 Breathing and exchange of gases Ch-18 Body fluid circulation Ch-19 Excretory products and their elimination Ch-20 Locomotion and movement	Study of joints of Human Body.
<b>Dec</b>	Ch-21 Neural control and coordination Ch-22 Chemical coordination and integration	Learning roles of human hormones.

**Biology  
Course Structure  
(THEORY)**

**Time : 3 Hours**

**Max. Marks : 70**

Unit	Title	No. of Periods	Marks
1	Diversity of Living Organisms	23	07
2	Structural Organisation in Plant & Animals	22	12
3	Cell : Structure and Function	35	15
4	Plant Physiology	40	18
5	Human Physiology	40	18
Total		160	70

**QUESTION WISE BREAK UP (Theory)**

Type of Question	Mark(s) per Question	Total No. of Questions	Total Marks
VSA	1	5	05
SA-I	2	7	14
SA-II	3	12	36
LA	5	3	15
TOTAL		26	70

**(PRACTICALS)**

**Time : 3 Hours**

**Max. Marks : 30**

Evaluation Scheme		
One Major Experiment		5 Marks
One Minor Experiment		4 Marks
Slide Preparation		5 Marks
Spotting		7 Marks
Practical Record = Viva Voce		4 Marks
Project Record = Viva Voce		5 Marks
Total		30 Marks

1. Internal Choice : There is No overall choice in the paper. However, there is an internal choice in one question of 2 marks weightage, one question of 3 marks weightage and All three questions of 5 marks weightage (Content based question).

2. The above template is only a sample. Suitable internal variations may be made for generating similar templates keeping the overall weightage to different form of questions and typology of questions same.

## ग्यारहवीं - हिन्दी

मास	विषय वस्तु	क्रियात्मक कार्य
अप्रैल	<p>संचार : जनसंचार, समाचार-पत्र, पत्रिकाएँ, निबंध</p> <p>1. हिंदी साहित्य और स्वतंत्रता संघर्ष</p> <p>2. सह शिक्षा की प्रासंगिकता</p> <p>‘काव्य खंड’ (आरोह भाग-1)</p> <p>1. कबीर 1. “हम तो एक-एक करि जाना”</p> <p>2. “सन्तो देखत जग बौराना” (F.A.-1)</p> <p>2. मीरा 1. “मेरे तो गिरिधर गोपाल”</p> <p>2. पग : घुंगरू बाँधी मीरा नाची।”</p> <p>3. राम नरेश त्रिपाठी - पथिक</p> <p>पत्र (2) आवेदन पत्र</p>	<p>उक्त विषयों पर आधारित प्रश्नोत्तर लिखवाए जाएंगे।</p> <p>कक्षा में निबंध से सम्बंधित संकेत देते हुए निबंध पर चर्चा करवाई जाएगी।</p> <p>संकेत देते हुए निबंध चर्चा करवाई जाएगी।</p> <p>काव्य पद्यो के सरलार्थ, काव्य भाव सौंदर्य व संबंधी प्रश्नोत्तर पर विस्तृत चर्चा की जाएगी।</p> <p>पत्र के विषय में विस्तृत जानकारी देकर दो आवेदन पत्र लिखवाये जाएंगे।</p>
मई	<p>वितान भाग-1</p> <p>1. लता मंगेशकर (भारतीय गायिकाओं में बेजोड)</p> <p>गद्य खंड (आरोह भाग-1)</p> <p>1. प्रेम चंद-नमक का दरोगा (F.A.-1)</p> <p>2. कृष्णा सोबती-मियों नसीरुद्दीन</p> <p>रेडियो, टी.वी. सिनेमा व इन्टरनेट</p> <p>आलेख-</p> <p>हस्ती मिटती नहीं हमारी</p> <p>अपठित गद्यांश व काव्यांश</p>	<p>कुमार गन्धर्व का सामान्य परिचय देते हुए अध्याय को पढ़कर उसके प्रत्येक गद्य पर आधारित प्रश्नोत्तरों पर चर्चा होगी।</p> <p>उक्त अध्यायों के गद्यांशों को पढ़ाकर उन पर आधारित प्रश्नोत्तर पूछे जाएंगे।</p> <p>मीडिया सम्बंधी प्रश्नोत्तर लिखवाए जाएंगे।</p> <p>आलेख का स्वरूप समझकर आलेख पर चर्चा की जाएगी।</p>
जुलाई	<p>काव्य खंड - आरोह भाग एक</p> <p>सुमित्रानंद पन्त - ‘वे आंखे’ (F.A.-2)</p> <p>भवानी प्रसाद मिश्र - ‘घर की याद’ (F.A.-2)</p> <p>त्रिलोचन चंपा काले-काले अच्छर नहीं चीन्ही</p> <p>दुष्यंत कुमार - गजल</p> <p>निबंध - 1. राष्ट्रीयता और साम्प्रदायिकता</p> <p>2. विज्ञापन</p> <p>3. खेलों का महत्व</p> <p>4. सच्चा मित्र</p> <p>5. कमरतोड़, महंगाई : समस्या व समाधान</p> <p>पत्र 2. शिकायत पत्र</p>	<p>कविताएं पढ़ाकर काव्य के अन्तर्गत प्रदत्त काव्य-भाव, सौन्दर्य, संबंधी प्रश्नोत्तरों पर कक्षा में विस्तृत चर्चा की जाएगी।</p> <p>छात्रगण निबंध को कंठस्थ करेंगे। व कक्षा में भाषण देंगे।</p>
अगस्त	<p>गद्य खंड : वितान भाग-1</p> <p>राजस्थान की रजत बूँदे।</p>	<p>अध्यायों को पढ़ते हुए गद्यों के प्रश्नों व कठिन शब्दों पर तर्क-वितर्क व चर्चा की जाएगी।</p>

मास	विषय वस्तु	क्रियात्मक कार्य
	<p>सत्यजीत राय - 'अपू के ढाई साल' (F.A.-2)</p> <p>बल मुकुंद गुप्त - विदाई संभाषण</p> <p>शेखर जोशी - 'गलत लोहा'</p> <p>फीचर लेखन -</p> <ol style="list-style-type: none"> <li>1. सफलता के लिए जरूरी है आत्मविश्वास</li> <li>2. बस्ते का बढ़ता बोझ</li> <li>3. महानगरों की ओर पलायन</li> </ol> <p>पत्र-संपादक के नाम पत्र</p>	<p>फीचर का स्वरूप समझाकर कक्षा में उक्त विषयों पर छात्रों के विचार लिए जाएंगे।</p> <p>दिए गए विषयों पर संपादक के नाम पत्र लिखवाये जाएंगे।</p>
सितम्बर - सम्पूर्ण पाठ्यक्रम दोहराना द्वितीय परीक्षा		
अक्टूबर	<p>काव्य खंड (आरोह - भाग-1)</p> <p>अक्क महादेवी 1. हे भूख मत मचल।</p> <p>अवतार सिंह पाश - सबसे खतरनाक</p> <p>निर्मला पुतुल - आओ, मिलकर बचाएँ</p> <p>गद्य खंड (आरोह भाग-1)</p> <p>कृष्णा नाथ - स्पीति में बारिश</p> <p>मन्नू भण्डारी - रजनी</p> <p>निबंध - 1. आधुनिक फेशन</p> <ol style="list-style-type: none"> <li>2. वन संरक्षण की आवश्यकता</li> </ol> <p>रिपोर्ट - 1. बिन पानी सब खून</p> <ol style="list-style-type: none"> <li>2. सिकुड गई सर्दी</li> </ol>	<p>कविता के पद्यों का काव्य सौंदर्य भाव सौंदर्य संबंधी प्रश्नोत्तर समझाए जाएंगे।</p> <p>उक्त अध्यायों को पढ़ाते हुए गद्यांशों के प्रश्नोत्तर पूछे जाएंगे।</p> <p>निबंध को भाषण के रूप में कक्षा में प्रस्तुत करेंगे।</p> <p>रिपोर्ट बनाएंगे।</p>
नवम्बर	<p>गद्य खंड</p> <p>आलो आंधारि - (वितान भाग-)</p> <p>कृष्णचंद - जामुन का पेड़</p> <p>जवाहर लाल नेहरू - भारत माता</p> <p>सैयद हैदर रजा - आत्मा का ताप</p> <p>समाचार संपादक, पत्रकारिता, प्रिंट माध्यम</p> <p>पत्र-'कार्यालयी पत्र'</p> <p>सरकारी व गैर सरकारी पत्र लिखवाए जाएंगे।</p>	<p>अध्याय को समझाकर गद्यांशों के प्रश्न कक्षा में पूछे जाएंगे।</p> <p>उक्त अध्यायों को पढ़ाकर उनके गद्यांशों के प्रश्नोत्तरों पर चर्चा की जाएगी।</p> <p>उक्त विषयों पर आधारित प्रश्नोत्तर लिखवाए जाएंगे।</p> <p>पत्रों पर चर्चा की जाएगी। पत्र एवं उनके सभी अंगों पर छात्र प्रकाश डालेंगे।</p>
दिसम्बर, जनवरी में दोहराई कार्य करवाया जाएगा		

## Class - XI Political Science

MONTH	WD	T.D	CHP./ Topic	Contents with Sub Topics	TPA	Activity/Practicals	Remarks
April	22	21	Constitution Why and How	What is constitution, why do we need constitution, Fundamental identity, balanced institutional design, Institutional Arrangements	8	Assignment on constitution of India	
			Rights in the Indian Constitution	Bill of Rights, Fundamental rights, Relationship between Fundamental Rights and Directive Principles of State Policy	8	Compare India Fundamental rights with South Africa Bill of Rights	
May	16	14	Election and Representation	Introduction, Election system in India, Pr and FPTP system, Reservation, Free and Fair election, election reforms	7	Assignment on Problems of Election	
			Executive	What is executive and its types, President and his power, Prime Minister and council of Minister	7		
			Legislature	Intr, why do we need Parliament, two house of Parliament, how it make Law, How parliament control executive what do the committees of Parliament do	7	Assignment on Parliament of India	
<b>Summer Vacation</b>							
June							
July	18	16	Judiciary	Why do we need Independent Judiciary, Structure of Judiciary, Jurisdiction of Supreme Court, Judicial Activism, Judicial, Review, Judiciary and Rights, Judiciary and Parliament	5		

MONTH	WD	T.D	CHP./ Topic	Contents with Sub Topics	TPA	Activity/Practicals	Remarks
			Federalism	What is Federalism, Federalism in Indian Constitution, Federalism with strong Central Government, Conflict in India Federal System	5	Assignment on lists of Federal System	
<b>Revision &amp; Exams (Quarterly)</b>							
Aug	24	22	Local Government	Why Local Government, Growth Local Government 73rd and 74th Amendment	5	Assignment on Function of Local Government	
			Constitution as a living Document	Are Constitution Static, Why have there been so many Amendments ? Basic Structure and evolution of the constitution	5		
			Political Theory	Introduction, What is Politics, What do we study in Political, Theory, why should we study Political theory	5		
			Freedom	What is freedom, why do we need constraints, Harm Principle, Negative and Positive Liberty	7	Worksheet on Types of Freedom	
Sep	26	26	Equality	What does Equality matter, Three dimensions of Equality, How can we promote equality	6		
			Social Justice	What is justice, just distribution, John Rawl theory of Justice, Free market versus state intervention	6		
			Rights	What are rights and where from these rights come, legal rights and the state, kinds of rights, rights and responsibility	6		



MONTH	WD	T.D	CHP./ Topic	Contents with Sub Topics	TPA	Activity/Practicals	Remarks
			Federalism	Introduction, Full and Equal Membership, Equal Rights, Citizen and Nation, Universal and Global Citizenship	7	Worksheet on characteristics of good citizenship	
<b>Revision &amp; Exams</b>							
Oct	22	20					
Nov	24	22	Nationalism	Introduction, Nations and Nationalism, National self Determination, Nationalism and Pluralism	7		
			Secularism	What is Secularism, Inter and Intra Religion dominance, secular state, Western model of secularism and Indian model of secularism, criticism of Indian model and vote Bank politics	8		
			Peace	Meaning of peace, forms of structural violence, can be promote peace with violence, peace and the state, contemporary challenges to peace	7	Assignment on Structural violence to peace	
Dec	26	24	Development	Intro, Challenges to development, criticism of development model, alternative conception of development			
Jan	13	8					
<b>Revision</b>							
Feb	22	20					
<b>Revision &amp; Pre-Annual Exams</b>							
Mar							
<b>Annual Exams</b>							
<b>Abbreviation : Mon=Month, WD=Working Days, TD=Teaching Day, CHP=Chapter, TPR=Teaching Period Required, ASSIGN=Assignment, WS=Worksheet</b>							

Exam Dates	Exams	CHAPTERS	Syllabus covered
July End	I	<ol style="list-style-type: none"> <li>1. Constitution why and how</li> <li>2. Rights in The Indian Constitution</li> <li>3. Election and Representation</li> <li>4. Executive</li> <li>5. Legislature</li> </ol>	25%
Oct End	II	<ol style="list-style-type: none"> <li>1. Election and Representation</li> <li>2. Legislature</li> <li>3. Judiciary</li> <li>4. Federalism</li> <li>5. Local Government</li> <li>6. Constitution is a living document</li> <li>7. Political Theory</li> <li>8. Freedom</li> <li>9. Equality</li> <li>10. Social Justice</li> <li>11. Rights</li> <li>12. Citizenship</li> </ol>	45%
Jan (3rd Week)	III	<ol style="list-style-type: none"> <li>1. Constitution why and how</li> <li>2. Rights in the Indian Constitution</li> <li>3. Election and Representation</li> <li>4. Executive</li> <li>5. Legislature</li> <li>6. Judiciary</li> <li>7. Federalism</li> <li>8. Local Government</li> <li>9. Constitution is a living document</li> <li>10. Political Theory</li> <li>11. Freedom</li> <li>12. Equality</li> <li>13. Social Justice</li> <li>14. Rights</li> <li>15. Citizenship</li> <li>16. Nationalism</li> <li>17. Secularism</li> <li>18. Peace</li> <li>19. Development</li> </ol>	30%

## XI - PHYSICAL EDUCATION

Month	Topic	Teaching Aids	Activities
<b>April</b>	1. Changing Trends and Career in Physical Education	Black Board, Prepare a chart	To ask students to conduct survey about fitness people of a locality
	2. Olympic Movement	Pics. & Model will be used	Revision & Test
<b>May</b>	3. Physical Fitness, Wellness and life style	Paper pics. will be used	Revision & Test
<b>July</b>	4. Physical Education in Sports for Differentially abled Revision and Exam	Group Discussion	To collect data of people opting for physical education as Career Revision & Test
	5. Yoga 6. Physical activity * Leadership training	Charts will be used Group Discussion	To ask students to bring information effects of Drugs, Alcohol etc. Revision & Test
<b>August</b>	7. Test and Measurement in Sports	Tools will be used	Prepare a test to evaluate different qualities of a fir person.  Revision & Test
	8. Fundamentals of Anatomy & Physiology	Charts will be used	To ask students to calculate their B.M. Hip ratio, Heart Rate etc. Revision & Test
<b>Oct.</b>	9. Kinesiology, Biomechanics and Sports	Tools & equipments will be used	To ask students to bring information from internet about effects of ex. on diff. body systems. Revision & Test
	10. Psychology and Sports	Group Discussion	Revision & Test
<b>Nov.</b>	11. Training in Sports	Show a video Clip	Obs. Difficulties which students feel during exams and sports performance & Class test
<b>Dec.</b>	12. Doping	Charty	

## XI - PHYSICAL EDUCATION

	Practical	Marks
1.	Physical Fitness (AAHPER)	10
2.	Skill of any one individual Game of Choice from the given list **	10
3.	Viva	05
4.	Record File **Archery, Badminton, Bocce, Gymnastics, Judo, Swimming, Table Tennis, Taekwondo & Tennis,  * Record File shall include Practical shall include	05
Practical 1	Labelled diagram of 400 M Track & field with Computations	
Practical 2	Computation of BMI from family or neighbourhood & graphical representation of the data	
Practical 3	Labeled diagram of field & equipment of any one game of your choice out of the above list.	
Practical 4	Explanation & list of current National Awardees	
Practical 5	Pictorial presentation of any five Asanas for improving concentration.	

## XI - PHYSICS

Month	Topic	Teaching Aids	Activities	Practicals
April	Unit-1 Physical World and Measurements	Vernier Calliper Screw gauge	Use of Vernier scale, screw gauge and spherometer	Based on Vernier calliper
	Unit-2 Kinematics(Contd.)	Paper, pencil, ruler etc.	To make a paper scale of given least count	
May	Unit-2 Kinematics	Water pipe, protector measuring tape	To study the variation of range of projectile with angle of projection	Based on Screw Gauge and Spherometer
	Unit-3 Laws of motion (Contd.)	Inclined plane body weights	To measure force of limiting friction for a body on horizontal plane	
July	Unit-3 Laws of motion Unit-4 Work energy and power	Inclined plane body weights Double inclined plane, two blocks of wood, steel ball	To measure force of limiting friction for a body on horizontal plane. To demonstrate the conservation of energy of a ball rolling down an inclined plane.	Based on gravesand's apparatus and spring constant
August	Unit-5 Rotational motion	Meter scale, two wedge, weight box, thread	To determine a mass of given body using meter scale	Based on Spring Constant
	Unit-6 Gravitation	Spring balance , physical balance	modulus (Y) inertial and gravitational mass	To determine Young's modulus of elasticity, surface tension and viscosity of liquid.
	Unit-7 Properties of bulk matter (Ch-9 Solid Only)	Hook's app. Searl's app, Bimetallic strip, clamp stand and burner	To find the value of k To find the value of young's	
<b>Sept. Revision and Exams</b>				
October	Unit-7 Properties of bulk matter complete	Round bottom flask, capillary tube, cork etc.	To observe and explain the effect of heating on a bimetallic strip to note the change in a level of liquid in a container on heating	
	Unit-8 Thermodynamics			

Nov.	Unit-9 Behaviour of perfect gases & kinetic theory of gases Unit-10 Oscillation & Waves	Sonometer tuning fork and rubber pad, string and pipe	Formation of waves using Straws, pipes, sonometer.	Based on simple pendulum sonometer and resonance tube
Dec.	Unit-10 Ray Optics	Lenses, Mirror & micromicroscope		Practicals based on mirrors and lenses

**December : Revision and Exams**  
**After every unit a class test will be conducted by the teachers**

### QUESTIONS WISE BREAK UP

Type of Question(s)	Mark(s) per Question	Total No. of Questions	Total Marks
VSA	1	5	05
SA-I	2	7	14
SA-II	3	12	36
LA	5	3	15
<b>Total</b>		<b>27</b>	<b>70</b>

- Internal Choice : There is no overall choice in the paper. however, there is an internal Choice in one question of 2 marks weightage. one question of 3 marks weightage and in all the three questions of 5 marks weightage.
- The above template is only a sample. Suitable internal variations may be made for generating similar templates keeping the overall weightage to different form of questions and typology of questions same.

**Practicals :****Total Periods : 60**

The Record to be submitted by the students, at the time of their annual examination, has to include :

- Record of at least 15 Experiments (with a minimum of 6 from each section), to be performed by the students.
- Record of at least 5 Activities (with a minimum of 2 each from Section A and Section B), to be demonstrated by the teachers.
- Report of the project to be carried out by the students.

**EVALUATION SCHEME**

<b>Time Allowed : Three hours</b>	<b>Max.Marks : 30</b>
Two experiments one from each section	8+8 Marks
Practical record (experiment and activities)	6 Marks
Investigatory Project	3 Marks
viva on experiments, activities and project	5 Marks

**Section - A****Experiments**

1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.
2. To measure diameter of a given wire and thickness of a given sheet using screw gauge.
3. To determine volume of an irregular lamina using screw gauge.
4. To determine radius of curvature of a given spherical surface by a spherometer.
5. To determine the mass of two different objects using a beam balance.
6. To find the weight of a given body using parallelogram law of vectors.
7. Using a simple pendulum, plot its  $L-T^2$  graph and use it to find the effective length of second's pendulum.
8. To study variation of time period of a simple pendulum of a given length by taking bobs of same size but different masses and interpret the result.
9. To study the relationship between force of limiting friction and normal reaction and to find the coefficient of friction between a block and a horizontal surface.
10. To find the downward force, along an inclined plane, acting on a roller due to gravitational pull of the earth and study its relationship with the angle of inclination  $\theta$  by plotting graph between force and  $\sin\theta$ .

**Activities** (for the purpose of demonstration only)

1. To make a paper scale of given least count, e.g., 0.2cm, 0.5cm
2. To determine mass of a given body using a metre scale by principle of moments.
3. To plot a graph for a given set of data, with proper choice of scales and error bars.
4. To measure the force of limiting friction for rolling of a roller on a horizontal plane.
5. To study the variation in range of a projectile with angle of projection
6. To study the conservation of energy of a ball rolling down on an inclined plane (using a double inclined plane)
7. To study dissipation of energy of a simple pendulum by plotting a graph between square of amplitude a time.

## Section - B

### Experiments

1. To determine Young's modulus of elasticity of the material of a given wire.
2. To determine the surface tension of water by capillary rise method.
3. To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body.
4. To determine specific heat capacity of a given solid by method of mixtures.
5. (a) To study the relation between frequency and length of a given wire under (constant tension using sonometer)  
(b) To study the relation between the length of a given wire and tension for constant frequency using sonometer.
6. To find the speed of sound in air at room temperature using a resonance tube by two resonance positions.
7. To find the value of  $v$  for different value of  $u$  in case of a concave mirror and to find the focal length.
8. To find the focal length of a convex lens by plotting graphs between  $u$  and  $v$  or between  $1/u$  and  $1/v$ .
9. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.
10. To determine refractive index of a glass slab using a travelling microscope.

### Activities (for the purpose of demonstration only)

1. To observe change of state and plot a cooling curve for molten wax.
2. To observe and explain the effect of heating on a bi-metallic strip.
3. To note the change in level of liquid in a container on heating and interpret the observations.
4. To study the effect of detergent on surface tension of water by observing capillary rise.
5. To study the factors affecting the rate of loss of heat of a liquid.
6. To study the effect of load on depression of a suitably clamped metre scale loaded at (i) its end (ii) in the middle.
7. To observe the decrease in pressure with increase in velocity of a fluid.
8. To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab.
9. To study the nature and size of the image formed by a (i) convex lens, (ii) concave mirror, on a screen by using a candle and a screen (for different distances of the candle from the lens/mirror)
10. To obtain a lens combination with the specified focal length by using two lenses from the given set of lenses.



## Class XI - Painting

Month	Topics	Teaching Aids	Activities
April	<p>Theory Defination of Art An introduction of Art Revision</p> <p>Pre Historic Rock Revision</p> <p>Practical Landscape Still Life</p>	<p>Black board Chalk Duster</p> <p>Class Test</p> <p>Black Board Chalk Duster</p> <p>Files Colours, Pencil Etc.</p>	<p>Types of Art, element of Art principles of Art, effect org lines, Forms, Colours, Spare, Effect of lines, Types of Colours Class Test</p> <p>Introduction period location Class Test</p> <p>Drawing with pencilon drawing file with water colours.</p>
May	<p>Theory Art of Indus Valley Civilization Revision</p> <p>Practical Landscape Still Life</p>	<p>Black board Chalk Duster</p> <p>Files Colours, Pencil Etc.</p>	<p>Introduction of Indus Valley - description Introduce</p> <p>Class Test Drawing with pencil on paper and Colouring with water colour.</p>
July	<p>Theory Buddhist, Jain and Hindu Art, Gandhara School Revision</p> <p>Practical Landscape Still Life</p>	<p>Black board Chalk Duster</p> <p>Files Colours, Pencil Etc.</p>	<p>Introduction of Gandhara School descriptions</p> <p>Class Test</p> <p>Drawing with pencil on paper and colouring with water colours.</p>
August	<p>Ajanta Paintings Revision</p> <p>Practical Landscape , Still Life</p>	<p>Black board Chalk Duster</p> <p>Files Colours, Pencil Etc.</p>	<p>Introduction of Ajanta Paintings situations of Ajanta Painting</p> <p>Class Test</p> <p>Sketching with pencil &amp; Colours in Life.</p>
<b>September - Revision - I Term Exams</b>			

Month	Topics	Teaching Aids	Activities
October	Theory Ajanta Painting  Revision  Practical Landscape Still Life.	Black board Chalk Duster    Drawing Paper pencil Colours	Technique, Colours, Descriptions Characteristics, Types of Covers of Ajanta Painting,  Class Test  Drawing with pencil on paper and colouring
November	Theory South Indian Sculpture  Revision  Practical Landscape still life	Black board Chalk Duster   Pencil, Colours, etc.	Introduction, description of South Indian Sculpture  Class test  Drawing on file with pencil & Colours.
<b>December Revision II Term Exams</b>			

**Design of Question Paper**

S.No.	Form of Question	No. of Question	Marks of Question	Total Marks	Weight of Ans. in Words	Expected time in minute
1	S.A. I	2	5	10	200	30
2	S.A. II	3	5	15	100	50
3	V.S.A.	3	5	15	in point	40
	<b>Total Marks</b>			<b>40</b>		120 min 2 hrs.

**1st Term**

Name of book	Chapter Activity	Marks
Theory	Definition of Art	5
Panoramic Indian Painting XI	An Introduction of Art	5
	Art of Indus Valley Civilization, Pre historic Rock Paintings	10
	Buddhist, Jain & Hindu Art	10
	Ajanta School	10
Practical : Drawing File	Nature and object study with Pencil Shading (Group of two or three objects)	20
	Painting composition of life and nature	20
	One painting (Water or oil colours) Study	20
	Sessional Work, file with 10 sheets	20
<b>Total</b>		<b>100</b>

**2nd Term**

Theory :- Panoramic Indian Painting XI	Ajanta Paintings	20
	South Indian Sculpture	20
Practical :- Drawing File	Nature and object study with Pencil Shading (Group of two or three objects) Painting composition of life and nature study.	20
	One painting (oil Colours) Study	20
	Sessional Work file with 10 Sheets.	20
<b>Total</b>		<b>100</b>

## CLASS : XI - INFORMATICS PRACTICS (065)

Month	Topic	Teaching Aids	Activities
<b>April</b>	<b>U-1 Introduction to Computer Systems</b> 1. Hardware Concepts 2. Software Concepts & Productivity Tools	Chalk Board Computer	Create some word document files
<b>May</b>			Revision & Test
<b>July</b>	U-II Introduction to Programming 4. Getting Started with Programming using IDE  5. Programming Fundamentals	Computer with Projector Screen tools	Using Net Beans 6.7 Practical Revision & Test
<b>August</b>			6. Control Structures 7. Programming Guidelines
			Create Programs using control structures

### September - Revision & Exams

<b>Oct.</b>	U-III Relational Data Base Management System 8. Introduction to MYSQL 9. My SQL	Chalk Board, Computer Projector	Starting My SQL and Commands Practical Revision Test
<b>Nov.</b>	10. Functions in my SQL. U-IV It Applications 11. Sample Applications Case Studies		Practical Revision  Test

### December - Revision & Exams

### Question Paper Design Class-XI (2018-19)

S.No.	Topology of Questions	Very Short Answer (VSA) (1 Mark)	Short Answer-I (SA-I) (2 Marks)	Short Answer-II (SA-II) (4 Marks)	Long Answer (L.A) (6 Marks)	Total Marks	% Weightage
1	Knowledge Based	4	3	2	-	18	25.7
2	Conceptual Understanding	4	5	1	-	18	25.7
3	Reasoning Based	4	-	2	1	18	25.7
4	Skill Based	-	1	2	1	16	22.9
	<b>Total Marks</b>	<b>12</b>	<b>9</b>	<b>7</b>	<b>2</b>	<b>70(30)</b>	<b>100</b>

1. No chapter wise weightage. Care to be taken to cover all the chapters.
2. The above template is only a sample. Suitable internal variation may be made for generating similar templates keeping the overall weightage to different from of questions and topology of questions same.
3. Question may be case based requiring problem solving skills.
4. LA Questions may be case-based requiring problem-finding and problem-solving skills.

## XI - Accountancy

### Part A - Financial Accounting

#### Theoretical Frame Work

Month	Unit	Frame Work	Teaching Aids	Activities	Project Work
April	1	Introduction to Accounting Theory Base of Accounting Revision & Test	Black Board, Chalk Duster	To study the different terms and meaning of accounting and different principles of accounting	
May	2	Recording of Business Transactions	-do-	To study the method of recording, classifying and summansing accounting data	Collection of source documents & Record & Sumanise data.
July		Recording of Business Transactions (Contd.) Ledger, Trial Balance and Bank Reconciliation Statement	-do-		Preparation of Bank Reconciliation statement with given cash book & Pass book
August		Depreciation Provision and Reserves Accounting for Bills of Exchange	-do-	To study the maintainance of fixed asset account by applying reserves and provision accounts.	
		Revision & Tests		To study the various techniques of correcting errors	

### September : Revision & Exams

**October : Financial Accounting -1 (Part-B)**

Month	Unit	Frame Work	Teaching Aids	Activities	Project Work
Oct.	3	Rectifications of Errors Financial statements of sole proprietor ship	Black Board, Chalk, Duster	To understand the presentation of Final accounts of Profit & Non profit organisations	To make comprehensive project work starting from Recording to interpretation of data with different tools like Bar diagram. & Pie charts etc.
Nov.		Financial Statements of Sole Proprietorship (Cont.)	-do-	To make familiar with applications of computer	
		Computer in Accountancy	-do-		

**Accountancy (Code 055)**

**Course Structure**

**Class-XI**

Units	Marks Half Yearly	Marks Annual
<b>Part A : Financial Accounting - 1</b>		
Unit 1 Theoretical Framework	20	15
Unit-2 Accounting Process and Special Accounting Treatment	70	35
	90	50
<b>Part B : Financial Accounting - II</b>		
Unit3 Financial Statements of Sole Proprietorship from complete and incomplete Records		15 15
Unit 5 : Computers in Accounting		10
		100

**XI - Accountancy**

**Project Work : (Anyone of followings )**

**: 10**

**Periods 30**

1. Collection of source document, preparation of vouchers, recording of transaction with the help of voucher.
2. Prepare of Bank reconciliation statement with the help of cash book and pass book.
3. Comprehensive projects on sole proprietorship bussiness with the help of journal, ledger, Trial balance and Preparing final accounts.

## Class : XI - History

Month	Topic / Unit Theme	Teaching Aids	Marks
<b>April</b>	<b>Section - I Early Societies</b> 1. Time Line L - 1 From the Beginning of Time L - 2 Writing and City Life	Map of Africa & Europe Map of Asia	<b>15</b>
<b>May</b>	<b>Section II Empires</b> L - 3 An Empire Across three Continents L - 4 The Contral Islamic Lands	Map of World Map of World	<b>20</b>
<b>July</b>	L - 5 Nomadic Empires <b>Section III Changing Traditions</b> L - 6 The three orders	Map of Asia Map of Europe	<b>20</b>
<b>August</b>	L - 7 Changing Cultural Traditions L - 8 Confrontation of Cultures	Through Discussion Map of North and South America	
<b>Sept.</b>	Revision and Exams. Note : Evaluation work will be done after each chapter		
<b>Oct.</b>	Section IV Towards Modernization. L - 9 The industrial Revolution	Map of England	<b>20</b>
<b>Nov.</b>	L - 10 Displacing Indigenous People L - 11 Paths to Modernisation - Maps Work (Unit 1 to 16) - Project Work	Map of USA Map of Asia	<b>5</b> <b>20</b>

### History - Weightage of marks section-wise

	VSA 2 Marks	SA 4 Marks	Passage Based	Long Answer	Map Question	Total
Section A : Early Societies	2 (1)	4 (1)	.	8 (1)		14 Marks
Section B : Empires	2 (1)	4 (1)	5 (1)	8 (1)		19 Marks
Section C : Changing Traditions	2 (1)	4 (1)	5 (1)	8 (1)		19 Marks
Section D : Paths to Modernization	2 (1)	4 (1) 4 (1)(Value) based from any section	5 (1)	8 (1)		19 Marks +4 marks value question=23
Map Work Unit 1 - 16					5 (1)	5 Marks
Project work						20 Marks
	4x2=8	5x4=20	5x3=15	8x4=32	5x1=5	(80+20)=100

(Note : Value Based Question Paper can be from Section A, B, C, D any carry 04 marks. Accordingly teacher can reduce weightage of the corresponding sections.)

## Class XI - Music Vocal (034)

Month	Topics	Teaching Aids	Activities
April	Dhwani Aandolan Naad, Swar, Saptak, Raag Vihag, Sangeet and it's type	Harmonium, Tabla Chalk board Duster, Tanpura	Prepare file of Raag Vihag with their drut khyal, write any to Alankar in the file
May	Shurti & Swar Sthapna Sidhant, Laya & Taal, Basic definition such as Aaroh, Avrodh, Pakar, Lakshan Geet, Swar Malika etc.	Harmonium & Electronic Tabla, Chalk, Duster, Board	Make a chart of Shurti & Swar Sthapna Sidhant
July	Raag & it's rule, Thaot & it's types, Dadra Kaharava & Teen taal	Harmonium & Electronic Tabla Chalk Board, Duster	Make a chart of Raag & Thaot
August	Khayal & Dhrupad Gharana of Hindustani Music, Raag Bhairvi	Harmonium & Electronic Tabla, Chalk, Duster, Board	Prepare file of Raag Bhairavi
<b>September - Revision - I Term Exams</b>			
October	Char taal, Ek taal, Sul taal, Vadi, Sumvadi, Anuvadi, Vivadi swar, Raag jonpuri, life sketch of pandit bhatkhande	Harmonium & Electronic, Tabla, Chalk, Board, Duster	Prepare File of raag jonpuri



Month	Topics	Teaching Aids	Activities
Nov.	Nibadh, Anibadh gaan, life sketch of Tansen and Plushkar, Raag Vrindhani sarang, detail study of natya shastra	Harmonium Elect. Tabla, Chalk, Duster, Board	Prepare file & Chart of Raga's of your syllabus with their Drut Khyal & Description also.

**December - Revision - Exams**

**Marks : 30**

1. **Ist Term** : Dhvani Aandolan Naad, Swar, Saptak, Raag Vihag, Sangeet and it's type
2. Shurti & Swar Sthapna Sidhant, Laya & Taal, Basic definition such as Aaroh, Avrodh, Pakar, Lakshan Geet, Swar Malika etc.
3. Raag & it's rule, Thaata & it's types, Dadra Kaharava & Teen taal
4. Khayal & Dhrupad  
Gharana of Hindustani Music, Raag Bhairvi

**Marks : 30**

**IInd Term**

1. Char taal, Ek taal, Sul taal, Vadi, Sumvadi, Anuvadi swar, Raag jonpuri, life sketch of pandit bhatkhande
2. Nibadh, Anibadh gaan, life sketch of Tansen and Plushkar, Raag Vrindhani sarang, detail study of natya shastra

**Design of Questions Paper**

S.No.	Form of Questions	No. of Questions	Marks of Questions	Total Marks	Length of Ans in Words.	Expected Time
1	L.A.	5	6	30	100	2.5 hrs.

