



Government of Kerala  
Department of Education

**HIGHER SECONDARY EDUCATION**

**SCHEME OF WORK**  
**Plus One**



**State Council of Educational  
Research and Training (SCERT)**

# മലയാളം



മാസം	യൂണിറ്റ്
ജൂൺ, ജൂലൈ	കിനാവ്
ആഗസ്റ്റ്, സെപ്റ്റംബർ	കാഴ്ച
ഒക്ടോബർ, നവംബർ	ഉള്ളറിവ്
ഡിസംബർ, ജനുവരി	ഉറവ്
ഫെബ്രുവരി	ആവർത്തനം
മാർച്ച്	മോഡൽ പരീക്ഷ

# മലയാളം ഓപ്ഷണൽ



മാസം	യൂണിറ്റ്
ജൂൺ, ജൂലൈ	ദീപ്തമായ ഓർമകൾ
ആഗസ്റ്റ്,	കഥാമുദ്രകൾ
സെപ്റ്റംബർ, ഒക്ടോബർ	ഭാഷ എന്ന വിസ്തൃതം
നവംബർ, ഡിസംബർ	കവിതയുടെ വഴികൾ
ജനുവരി, ഫെബ്രുവരി	സംസ്കൃതിയുടെ ഉള്ളുകൾ തേടി
ഫെബ്രുവരി, മാർച്ച്	ആവർത്തനം, മോഡൽ പരീക്ഷ

## English

Term	Units/Texts
Term 1 June - August	Unit 1 <ul style="list-style-type: none"><li>• His First Flight</li><li>• I Will Fly</li><li>• Quests for a Theory of Everything</li><li>• IF (Poem)</li></ul> Unit 2 <ul style="list-style-type: none"><li>• And Then Gandhi Came</li><li>• Death the Leveller (Poem)</li></ul>
Term 2 September - December	Unit 2 <ul style="list-style-type: none"><li>• The Price of Flowers</li></ul> Unit 3 <ul style="list-style-type: none"><li>• Sunrise on the Hills (Poem)</li><li>• The Trip of Le Horla</li><li>• The Sacred Turtles of Kadavu</li></ul> Unit 4 <ul style="list-style-type: none"><li>• Disaster Management in India</li><li>• The Serang of Renaganji</li><li>• The Wreck of the Titanic (Poem)</li></ul>
Term 3 January - February	Unit 5 <ul style="list-style-type: none"><li>• Gooseberries</li><li>• To Sleep (Poem)</li><li>• Going out for a Walk</li></ul> Unit 6 <ul style="list-style-type: none"><li>• The Cyber Space</li><li>• Is Society Dead?</li><li>• Conceptual Fruit</li></ul>

## वार्षिक योजना

क्र.सं.	महीना	इकाई	पाठ का नाम	समय
1.	जून	1	अनुताप (5)	5 घंटे
2.	जुलाई	1	मधुऋतु (10)	10
3.	अगस्त	1	यह हमारा अधिकार है(8), जुलूस (6)	14
4.	सितंबर	1, 2	जुलूस (2), दोहे (3), ब्लैक : स्पर्श जहाँ भाषा बनता है (3)	8
5.	अक्टूबर	2	ब्लैक : स्पर्श जहाँ भाषा बनता है (5) आपकी आवाज़ (10)	15
6.	नवंबर	4, 2, 3	समय के साथ हम भी (3) चाँद और कवि (6), आनंद की फुलझड़ियाँ (6)	15
7.	दिसंबर	3	पत्थर की बैंच (5), सृजन की ओर (3)	8
8.	जनवरी	3,4	दुख (9), अपराध (6)	15
9.	फरवरी	4	अपराध (4), कहना नहीं आता (6)	10

**वार्षिक योजना**  
**HINDI OPTIONAL**

क्र.सं	महीना	इकाई	पाठ का नाम	समय
1.	जून	1	एकलव्य (6)	6 घंटे
2.	जुलाई	1	ईदगाह (12), बुढ़ापा (8)	20
3.	अगस्त	1 2	बुढ़ापा(4), संज्ञा (2), आदिकाल (10), दोहे (4)	20
4.	सितंबर	2	चीफ की दावत (10)	10
5.	अक्तूबर	2	महात्मागाँधी (10), सर्वनाम (3), निर्गुण भक्तिकाव्य (7)	20
6.	नवंबर	2, 3	निर्गुण भक्तिकाव्य (3) पद (5), तितली (7), यहाँ रोना मना है (5)	20
7.	दिसंबर	3	यहाँ रोना मना है (3), विशेषण (2),सगुण भक्तिकाव्य (5)	10
8.	जनवरी	3,4	सगुण भक्तिकाव्य (5), बिहारी के दोहे (3), एम.डॉट.कॉम (12)	20
9.	फरवरी	4	नए इलाके में (6), क्रिया (2), रीतिकाल (10)	18

# Accountancy

Term	Units	Periods	Unit Weight in Scores	
			ACA	AFS
<b>Term 1</b>	<b>June, July, August, September</b>			
1	Introduction to Accounting	12	3	6
2	Theory Base of Accounting	12	4	5
3	Recording of Transactions I	14	4	7
4	Recording of Transactions II	12	6	8
<b>Term 2</b>	<b>October, November, December</b>			
5	Bank Reconciliation Statement	8	5	6
6	Trial Balance and Rectification of Errors	16	5	6
7	Depreciation, Provisions and Reserves	20	4	6
8	Bill of Exchange	20	5	8
9	Financial Statements I	15	3	5
10	Financial Statements II	21	8	12
<b>Term 3</b>	<b>January, February</b>			
11	Accounts from Incomplete Records	20	3	6
12	Application of Computer In Accounting	6	3	2
13	Computerised Accounting System	10	2	1
14	Structuring Database for Accounting	12	2	1
15	Accounting System Using DBMS	10	3	1
	<b>Total</b>		<b>60</b>	<b>80</b>

ACA : Accountancy with Computerised Accounting

AFS : Accountancy with Analysis of Financial Statement

## ANTHROPOLOGY

Term	Unit No.	Unit Name	Periods	Scores	Month
First Term	1	Introducing Anthropology	24	10	June, July, August, September
	2	Basics of Social Cultural Anthropology	20	07	
	3	Basics of Biological Anthropology	30	12	
Second Term	4	Basics of Archaeological Anthropology	26	10	October, November, December
	5	Basics of Linguistic Anthropology	18	08	
	6	Marriage, Family and Kinship	22	08	
	7	Political Organisation	14	06	
Third Term	8	Economic Organisation	16	06	January, February
	9	Religious Organisation	16	07	
	10	Folkloristic Anthropology	14	06	
		<b>TOTAL</b>		<b>200</b>	<b>80</b>



# BIOLOGY

Unit	Chapter	Month	Periods	Score weight
<b>Term - 1</b>				
I	1. Biological classification	June	5	1
I	2. Plant Kingdom	June-July	8	2
II	3. Morphology of Flowering Plants	July-August	10	3
<b>Term - 2</b>				
II	4. Anatomy of flowering plants	September	10	3
III	5. Cell: The unit of Life	September-October	8	3
III	6. Cell cycle and Cell Division	October	8	3
IV	7. Transport in Plants	November	8	2
IV	8. Mineral Nutrition	November December	6	2
<b>Term - 3</b>				
IV	9. Photosynthesis in Higher Plants	January	10	4
IV	10. Respiration in Plants	January February	10	4
IV	11. Plant Growth and Development	February	7	3
		<b>Total</b>	<b>90</b>	<b>30</b>

## BUSINESS STUDIES

<b>Term</b>	<b>Units</b>	<b>Periods</b>	<b>Unit Weight in scores</b>
<b>Term 1</b>	<b>June, July, August, September</b>		
1	<i>Nature and Purpose of Business</i>	19	7
2	<i>Forms of Business Organisation</i>	25	10
3	<i>Private Public and Global enterprises</i>	17	7
<b>Term 2</b>	<b>October, November, December</b>		
4	<i>Business Services</i>	24	10
5	<i>Emerging modes of Business</i>	14	5
6	<i>Social Responsibilities of Business and Business Ethics</i>	17	6
7	<i>Formation of a Company</i>	18	7
8	<i>Sources of Business Finance</i>	19	8
<b>Term 3</b>	<b>January, February</b>		
9	<i>Small Business</i>	12	4
10	<i>Internal Trade</i>	20	9
11	<i>International Business – I</i>	12	4
12	<i>International Business – II</i>	11	3

## CHEMISTRY

Term	Month	Unit No.	Name of Unit
I	June	1	Some Basic Concepts of Chemistry
	July	2	Structure of Atom
		3	Classification of Elements and Periodicity in Properties
	August	4	Chemical Bonding and Molecular Structure
		5	States of Matter (Up to Ideal gas equation)
II	September	5	States of Matter
		6	Thermodynamics
	October	7	Equilibrium
	November	8	Redox Reactions
		9	Hydrogen
		10	The s-Block Elements (Up to Group I Elements)
	December	10	The s-Block Elements
		11	The p-Block Elements
		12	Organic Chemistry - Some Basic Principles and Techniques (Up to Organic Reaction Mechanism)
III	January	12	Organic Chemistry - Some Basic Principles and Techniques
		13	Hydrocarbons
	February	14	Environmental Chemistry + Revision



## SCHEME OF WORK FOR PLUS ONE ECONOMICS

Term	Month	Name of Chapter	Period	Weightage to chapter
<b>RM-1 (June-August)</b>	June	Chapter 1 : Indian Economy on the eve of independence.	10	3
		Chapter 1 : Introduction to Statistics	5	2
	July	Chapter 2 : Indian Economy 1950 - 1990	12	4
		Chapter 3 : Liberalization, Privatization and Globalization	12	5
		Chapter 2 : Collection of Data	8	4
	August	Chapter 4 : Poverty	15	5
Chapter 3 : Organisation of Data		10	4	
<b>RM-2 (September-December)</b>	September	Chapter 5 : Human Capital Formation in India	6	4
		Chapter 6 : Rural Development	8	4
		Chapter 4 : Presentation of Data	10	4
	October	Chapter 5 : Measures of Central Tendency	14	6
		Chapter 6 : Measures of Dispersion	18	8
	November	Chapter 7 : Employment, Growth, Informalization and other issues	16	3
Chapter 8 : Infrastructure		16	3	
December	Chapter 7 : Correlation	10	6	
<b>RM-3 (January-February)</b>	January	Chapter 9 : Environment and Sustainable Development	20	6
		Chapter 8 : Index Numbers	12	4
	February	Chapter 10 : Comparative Development Experience of India: and its Neighbours	12	3
		Chapter:9 Use of Statistical Tools	3	2

*Notes: Scores can be varied to the range of plus or minus two*

# ELECTRONICS

Sl.No	Term	Name of Unit	Month	Total Periods
1	First Term	Introduction to Electronics	July	8
2		Electrical fundamentals	July August	21
3		Solid state fundamentals	August	8
4		Semiconductor diodes	September	12
5		Transistors	September October	16
6	Second Term	Special type Electronic devices	October	20
7		Rectifiers	November	13
8		Amplifiers	December	20
9	Third Term	Oscillators	January	20
10		Digital Electronics	January February	21
11		Measuring instruments	February	13

**SCHEME OF WORK**  
**PART III**  
**ENGLISH LITERATURE**

<b>Month</b>	<b>Genre/No</b>	<b>Title</b>
July	Poem 1	Since Brass, Nor Stone, Nor Earth, Nor Boundless Sea
	Short Story 1	The Orator
August	Poem 2	A Red Red Rose
	Poem 3	The Tyger
	Short Story 2	Romance of a Busy Broker
	Essay 1	On Saying 'Please'
September	Poem 4	To a Cuckoo
	Short Story 3	A Cup of Tea
	One Act Play 1	The Boy Comes Home
October	Poem 5	My Last Duchess
	Poem 6	I had gone a-Begging
	Short Story 4	A Canary for One
	Essay 2	Why Literature?
November	Poem 7	Bangle Sellers
	Poem 8	The Highway Man
	Short Story 5	A Man
	Essay 3	Am I Blue?
December	Poem 9	Never Again would Birds' Song be the Same
	One Act Play 2	When Lincoln Came to Pittsburgh
January	Poem 10	Elegy for Jane
	Poem 11	Oppression
	Short Story 6	The Night Train at Deoli
	Essay 4	Last Day at School
February	Poem 12	If you Forget Me

# Gandhian Studies

Term	Units	Periods
<b>Term 1 June, July, August, September</b>		
1	Cultural Heritage of India	15
2	The Transformation of M.K. Gandhi- Phase I	15
3	The Transformation of M.K. Gandhi- Phase II	15
4	Role of Mahatma Gandhi in The Freedom Movement	30
<b>Term 2 October, November, December</b>		
5	Central Philosophy of Mahatma Gandhi	25
6	The Praxis of Satyagraha	25
7	Political Ideas of Mahatma Gandhi	35
<b>Term 3 January, February</b>		
8	Economic Ideas of Mahatma Gandhi	30
9	Social Ideas of Mahatma Gandhi	20

# Scheme of Work

## Fundamentals of Physical Geography

Term	Month	Chapters	Name of Chapters
I	June	1	<b>Fundamentals of Physical Geography</b> Geography as a Discipline
		2	The Origin and Evolution of the Earth
	July	3	Interior of the Earth
		4	Distribution of Oceans and Continents
		5	Minerals and Rocks
	August	6	Geomorphic Processes
		7	Landforms and their Evolution <b>India - Physical Environment</b>
II	September	1	India - Location
		2	Structure and Physiography
	October	3	Drainage System
		8	<b>Fundamentals of Physical Geography</b> Composition and Structure of Atmosphere
		9	Solar Radiation, Heat Balance and Temperature
		10	Atmospheric Circulation and Weather Systems
	November	11	Water in the Atmosphere
		12	World Climate and Climate Change <b>India - Physical Environment</b>
		4	Climate
	December	5	Natural Vegetation
13		<b>Fundamentals of Physical Geography</b> Water (Oceans)	
January	14	Movements of Ocean Water	
	15	Life on the Earth <b>India - Physical Environment</b>	
III	February	6	Soils <b>Fundamentals of Physical Geography</b>
		16	Biodiversity and Conservation <b>India - Physical Environment</b>
		7	Natural Hazards and Disasters
	March		Revisions



## Fundamentals of Physical Geography (Practical)

Term	Month	Chapters	Name of Chapters
I	July	1	Introduction to Maps
		2	Map Scale
	August	3	Latitude, Longitude and Time
		4	Map Projections
II	September	4	Map Projections (continued ...)
	October	4	Map Projections (continued ...)
	November	5	Topographical Maps
	December	6	Introduction to Aerial Photographs
III	January	6	Introduction to Aerial Photographs (continued ...)
	February	7	Introduction to Remote Sensing
		8	Weather Instruments, Maps and Charts

## GEOLOGY

Term	Month	Units
Term - I	June	Geology as a Discipline.
	July	Origin and Structure of Earth
	August	Earth Processes
		Slope Processes
Term - II	September	Slope Processes
		Ground water
	October	Streams
		Wind
	November	Wind
		Glaciers
December	Oceans	
	Term - III	January
	February March	The Dynamic Earth Minerals Revision

# History

## (Scheme of Work)

<b>Term &amp; Month</b>	<b>Name of Theme</b>	<b>Number of Periods</b>	<b>Weightage to Unit</b>
I <sup>st</sup> term (June, July and August)	From the Beginning of time	24	6
	Writing and City Life	23	8
	An Empire Across Three Continents	23	8
II <sup>nd</sup> term (September, October, November and December)	The Central Islamic Lands	26	8
	Nomadic Empires	21	6
	The Three Orders	22	8
	Changing Cultural Traditions	20	8
	Confrontation of Cultures	22	8
III <sup>rd</sup> term (January and February)	The Industrial Revolution	22	8
	Displacing Indigenous Peoples	21	6
	Paths to Modernisation	26	6
	Total	250	80

*Score can be varied to the range of plus or minus two*

## ISLAMIC HISTORY

Term & Month		Units	Name of Theme	Number of Periods
I <sup>st</sup> term	(June, July August, September)	1	Introduction to Islamic History and Culture	20
		2	Arabia: The Cradle of Islam	40
		3	The Prophetic Period : Makkah	30
II <sup>nd</sup> term	(October, November, December)	4	The Prophetic Period : Madina	40
		5	The Khilafat	20
		6	The Umayyads	20
III <sup>rd</sup> term	(January and February)	7	The Advent of Islam in Kerala	30

## *Journalism*

Term	Month	Units	Periods	Hours	Weightage
Term I- June - August	June	Unit 1 Introduction to Communication	25	17	8
	July	Unit 2 Mass media and Society	25	17	6
	August	Unit 3 History of Newspapers	30	20	8
Term II - September - December	September and October	Unit 4 Origin and Growth of Malayalam Newspapers	20	13	5
	September and October	Unit 5 Media Organizations	20	13	3
	September and October	Unit 6 Press codes, Ethics and Laws in Indian Journalism	20	13	3
Term III - January - March	November and December	Unit 7 Newspaper Organization	15	10	3
	November and December	Unit 8 News Reporting (Theory 28 periods + practical 15Periods)	43	29	12
	January and February	Unit 9 News Editing (Theory 27 periods + practical 15 periods)	42	28	12
	March	Model and Public Examination			
		<b>Total</b>	<b>240</b>	<b>160</b>	<b>60</b>

## MATHEMATICS

Term	Month	Unit No.	Name of Unit
I	June	1	Sets
	July	2	Relations and Functions
	August	2	Relations and Functions ( <i>contd.</i> )
		3	Trigonometric Functions
II	September	4	Principle of Mathematical Induction
		5	Complex Numbers and Quadratic Equations
	October	6	Linear Inequalities
		7	Permutations and Combinations
		8	Binomial Theorem
	November	9	Sequences and Series
		10	Straight Lines
		11	Conic Sections
	December	12	Introduction to Three Dimensional Geometry
		13	Limits and Derivatives
	III	January	13
14			Mathematical Reasoning
15			Statistics
February		16	Probability, Revision

**CLASS XI-MUSIC**  
**SCHEME OF WORK**

TERM	Unit No	Unit Name	No of periods for teaching	No of periods for CE	Total Periods
<b>PART I – THEORY OF MUSIC</b>					
1st Term	1	INTRODUCTION TO MUSIC	6	4	10
	2	INDIAN MUSIC	7	3	10
2 <sup>nd</sup> term	3	MELAKARTA SCHEME	11	4	15
	4	TALA	15	5	20
3 <sup>rd</sup> Term	5	MUSICAL FORMS	12	3	15
	6	COMPOSERS	11	4	15
	7	MUSICOGRAPHY OR NOTATION	11	4	15
<b>TOTAL PERIODS</b>			73	27	<b>100</b>
<b>PART II - PRACTICAL MUSIC</b>					
1st term	1	PRELIMINARY LESSONS 1	40	0	40
2 <sup>nd</sup> term	2	PRELIMINARY LESSONS 2	40	0	40
3 <sup>rd</sup> term	3	MUSICAL FORMS 1	35	0	35
<b>TOTAL PERIODS</b>			115	0	<b>115</b>

## PHILOSOPHY

<b>Term</b>	<b>Unit No.</b>	<b>Unit Name</b>	<b>Periods</b>	<b>Month in Scores</b>	<b>Unit Weight</b>
First Term	1	Introducing logic	22	June, July	8
	2	Proposition	24	August	9
	3	Inference	22	September	9
Second Term	4	Syllogism	22		8
	5	Observation and Experiment	18	October	7
	6	Scientific method	20	November	8
	7	Causality	18	December	8
Third Term	8	Hypothesis	16		8
	9	Symbolic logic	20	January	7
	10	Logic of research	18	February	8



## **PHYSICS -THEORY**

Chapter	Month	Topics	Period	Weight of Score
1.	June	Physical World	2	1
2.	June	Units and Measurement	10	4
3.	June - July	Motion in a straight line	12	4
4.	July	Motion in a plane	18	5
5.	July - August	Laws of Motion	16	6
6.	Aug - Sept	Work, Energy, Power	16	4
7.	September	Motion of Rigid bodies	18	5
8.	Sept - Oct	Gravitation	14	5
9.	October	Mechanics of Solids	5	2
10.	Oct - Nov	Mechanics of fluids	16	7
11.	November	Thermal Properties of matter	8	3
12.	November	Thermodynamics	10	4
13.	December	Kinetic Theory of Gases	6	2
14.	Dec - Jan	Oscillations	14	4
15.	January	Waves	15	4
			<b>180</b>	<b>60</b>

## PHYSICS -PRACTICAL

Month	Section	Units	Experiments	Periods
June-July	1	Units and Measurement	1. Screw Gauge 3 2. Vernier Calipers 3. Spherometer 4. Common Balance	3 4 4
August	2	Motion in a straight line Motion in a plane Laws of Motion Work, Energy, Power	1. Parallelogram Apparatus 2. Inclined Plane 3. Coefficient of Friction	3 3 3
September- October	3	Motion of Rigid bodies Gravitation Mechanics of Solids Mechanics of fluids	1. Moment Bar 2. Young's Modulus 3. Helical Spring 3 4. Viscosity 5. Surface Tension	3 4 3 3
November	4	Thermal Properties of matter Thermodynamics	1. Newton's law of cooling 2. Specific Heat Capacity	3 3
December - January	5	Kinetic Theory of Gases Oscillations Waves	1. Simple Pendulum 2. Helical Spring 4 3. Sonometer 4. Resonance Column	3 4 4 4
<b>Total</b>				<b>60</b>

## POLITICAL SCIENCE

Term & Month	Units	Name of Theme	Number of Periods	Weightage to Unit	
		<b>Textbook I Indian Constitution at Work</b>			
I <sup>st</sup> term (June, July and August)	1	Constitution Why and How?	18	5	
	2	Rights in the Indian Constitution	18	6	
	3	Election and Representation	18	5	
II <sup>nd</sup> term (September, October, November and December)	4	Executive	18	5	
	5	Legislature	17	5	
	6	Judiciary	17	5	
	7	Federalism	18	5	
	8	Local Governments	18	5	
	9	Constitution as a Living Document	10	4	
	10	The Philosophy of the Constitution	10	3	
		<b>Total</b>	<b>162</b>	<b>48</b>	
			<b>Textbook II Political Theory</b>		
		1	Political Theory an Introduction	8	3
		2	Freedom	8	3
		3	Equality	8	3
		4	Social Justice	10	4
	5	Rights	8	3	
III <sup>rd</sup> term (January and February)	6	Citizenship	8	3	
	7	Nationalism	8	3	
	8	Secularism	10	4	
	9	Peace	8	3	
	10	Development	8	3	
		<b>Total</b>	<b>84</b>	<b>32</b>	
		<b>Textbook I &amp; II Total</b>	<b>246</b>	<b>80</b>	

*\* Score can be varied to the range of plus or minus two*

# Psychology

Term	Units	Periods
<b>Term 1</b>	<b>June, July, August, September</b>	
	What is Psychology?	20
	Methods of Enquiry in Psychology	25
	The Bases of Human Behaviour	20
<b>Term 2</b>	<b>October, November, December</b>	
	Human Development	20
	Sensory, Attentional and Perceptual Processes	25
	Learning	25
	Human Memory	20
<b>Term 3</b>	<b>January, February</b>	
	Thinking	25
	Motivation and Emotion	20

# Sociology

Sl. No.	Units	Periods	Month	Special method	Special learning aid
1.	Sociology and society	22	July	Panel discussion Material review	Book review
2.	Terms, Concepts and their use in sociology	24	July Aug.	ICT-Video clipping	Social media
3.	Understanding social institutions	20	Aug.	Field visit	Kinship tree
4.	Culture and Socialisation	22	Sept. Oct.	ICT-slide presentation Audio presentation	Audio talk
5.	Doing Sociology: Research Methods	22	Oct.	Social Survey	Showing Census report
6.	Social structure, stratification and social processes in society	22	Oct. Nov.	Group dynamics	Film Presentation
7.	Social change and social order in Rural and Urban society	22	Nov.	Experience sharing, ICT Panel discussion	Panel discussion
8.	Environment and society	18	Nov. Dec.	Poster presentation, debate	Album
9.	Introducing Western Sociologists	24	Jan.	Chart presentation	ICT -slide Collage
10.	Indian Sociologists	24	Jan. Feb.	Biography preparation Article writing	ICT - Power Point presentation.

# Statistics

<b>Term</b>	<b>Month</b>	<b>Chapter</b>
<b>Term I</b>	June	Statistics - Scope and development
	July	Collection of data Classification and Tabulation
	August	Diagrams and Graphs, Central Tendency (AM), Revision
<b>Term II</b>	September	Central Tendency
	October	Central Tendency, Dispersion
	November	Dispersion, Skewness and Kurtosis, Probability
	December	Probability (Up to Algebra of events), Revision
<b>Term III</b>	January	Probability, Conditional Probability
	February	Sampling Techniques, Revision
	March	Revision

# Zoology

Unit	Chapter	Month	Periods	Score weight
<b>Term - 1</b>				
I	The Living World	June	4	1
I	Animal Kingdom	June-July August	15	6
II	Structural Organisation in Animals (Up to connective tissue)	August	3	4
<b>Term - 2</b>				
II	Structural Organisation in Animals (Contd....)	September	10	
III	Biomolecules	September	9	3
IV	Digestion and Absorption	October	9	2
IV	Breathing and exchange of gases	October November	5	2
IV	Body fluids and circulation	November	10	3
IV	Excretory products and their Elimination	November December	5	2
IV	Locomotion and movement (Up to muscles)	December	2	2
<b>Term - 3</b>				
IV	Locomotion and movement (Contd....)	January	3	
IV	Neural control and Coordination	January February	10	3
IV	Chemical Coordination and Integration	February	5	2
		<b>Total</b>	<b>90</b>	<b>30</b>

## COMPUTER SCIENCE

<b>Term</b>	<b>Month</b>	<b>Chapter</b>
First	June	1. Structures and Pointers (25 periods)
	July	2. Concepts of Object Oriented Programming (10 periods)
		3. Data Structures and Operations (20 periods)
August	4. Web Technology (25 periods)	
Second	September	5. Web Designing using HTML (20 periods)
	October	6. Client side scripting using JavaScript (20 periods)
	November	7. Web Hosting (8 periods)
		8. Database Management System (12 periods)
December	9. Structured Query Language (20 periods)	
	10. Server side Scripting using PHP (20 periods)	
Third	January	11. Advances in Computing (10 periods)
	February	12. ICT and Society (15 periods)



## Computer Application (Commerce)

Unit 1	The Discipline of Computing	First Term
Unit 2	Data Representation and Boolean Algebra	
Unit 3	Components of the Computer System	Second Term
Unit 4	Principles of Programming and Problem Solving	
Unit 5	Introduction to C++	
Unit 6	Data Types and Operators	
Unit 7	Control Statements	
Unit 8	Arrays	
Unit 9	String Handling and Input Output Functions	
Unit 10	Functions	Third Term
Unit 11	Computer Networks	
Unit 12	Internet and Mobile Computing	

## Computer Application (Humanities)

Unit 1	The Discipline of Computing	First Term
Unit 2	Data Representation and Boolean Algebra	
Unit 3	Components of the Computer System	Second Term
Unit 4	Principles of Programming and Problem Solving	
Unit 5	Introduction to C++	
Unit 6	Data Types and Operators	
Unit 7	Control Statements	
Unit 8	Arrays	
Unit 9	String Handling and Input Output Functions	
Unit 10	Functions	Third Term
Unit 11	Computer Networks	
Unit 12	Internet and Mobile Computing	