

**BURN HALL HR. SEC SCHOOL,SRINAGAR**  
**SYLLABUS PLANNER FOR THE YEAR 2024 – 2025.**  
**SUBJECTS OF CLASS XI ABC**

- 1.ENGLISH.**
- 2.MATHS.**
- 3.PHYSICS.**
- 4.CHEMISTRY.**
- 5.BOTANY.**
- 6.ZOOLOGY.**
- 7.FUNCTIONAL ENGLISH (OPTIONAL).**
- 8.PHYSICAL EDUCATION (OPTIONAL).**

**NOTE: SYLLABUS PLANNED AS PER  
NCERT PRESCRIBED TEXT BOOKS**

# ENGLISH

CLASS – XI

M.MARKS - 80

## TERM - I

S.no	Hornbill		Snapshots			
	Prose	Poetry	Prose	Writing skills	Grammar	
1	The Portrait of a Lady	A Photograph	The Summer of the Beautiful White Horse	Note-Making	Tenses	
2	We're Not Afraid To Die	The Laburnum Top	The Address	Letter-writing	Modals	
3	Discovering Tut: the Saga Continues	The Voice of The Rain	Birth	Notice, Poster and Speech writing	Conjunctions	
4	The Ailing Planet: the Green Movement's Role			Email writing	Prepositions	

## TERM – II

S.no	Hornbill		Snapshots		
	Prose	Poetry	Prose	Writing Skills	Grammar
1	The Adventure	Childhood	Mother's Day	Summarizing	Determiners
2	Silk Road	Father to Son	The Tale of Melon City	Essay writing and Creative Writing	Punctuation
3				Sub-Titling	Error Correction
4				Advertisement	
5				Article and Report Writing	

# MATHEMATICS

**CLASS - XI**

**M. MARKS - 80**

NAME OF THE CHAPTER	NO. OF CLASSES REQUIRED FOR COMPLETION	WEIGHTAGE OF MARKS		
UNIT -1 Sets	12	<b>23</b>	TERM -I	
UNIT - 2 Relations and functions	14			
UNIT -3 Trigonometry	15			
UNIT -4 Complex numbers & quadratic Equations	10	<b>17</b>		
UNIT -5 Linear inequality	10			
UNIT -6 Permutations and combinations	12			
UNIT -7 Binomial Theorem	08			
UNIT -8 Limits & Derivatives	17	<b>08</b>		GOLDENS
UNIT -9 Conic Section	13	<b>12</b>		
UNIT -10 Straight Lines	11			
UNIT -11 Introduction to three dimensional geometry	08			
UNIT -12 Statistics	10	<b>12</b>		
UNIT -13 Probability	10 Winter Assignment	<b>08</b>		
UNIT -14 Sequence and series	10 Winter Assignment			

# PHYSICS

CLASS - XI

M.MARKS - 70

NAME OF THE CHAPTER	NO. OF CLASSES REQUIRED FOR COMPLETION	WEIGHTAGE OF MARKS	
UNIT-1 Physical world and measurement	12	05	TERM-I
UNIT-2 Kinematics	30	09	
UNIT-3 Laws of motion	20	07	
UNIT-4 Work, Power and Energy	16	06	
UNIT-8 Thermodynamics	10	06	
UNIT-6 Gravitation	15	06	
UNIT-9 Kinetic theory of gases	08	06	
UNIT-5 Motion of System of Particles and Rigid body	18	06	
UNIT-7 Properties of Bulk matter	25	09	
UNIT-10 Oscillations and waves	26	10	

GOLDENS

Note: Waves (Winter Assignment).

# CHEMISTRY

CLASS - XI

M.MARKS - 70

NAME OF THE CHAPTER	NO. OF CLASSES REQUIRED FOR COMPLETION	WEIGHTAGE OF MARKS	<b>TERM-I</b>          <b>GOLDENS</b>
UNIT-1 Some Basic Concepts of Chemistry	20	07	
UNIT-2 Structure of Atom	27	09	
UNIT-3 Classification of Elements and periodicity in properties	10	06	
UNIT-4 Chemical Bonding and Molecular Structure	20	07	
UNIT-5 Redox Reactions	07	04	
UNIT-7 Equilibrium	25	09	
UNIT-8 Organic Chemistry- Some Basic principles and Techniques	25	11	
UNIT-9 Hydrocarbons	22	10	
UNIT-6 Thermodynamics	25	07	

# BOTANY

CLASS – XI

M.MARKS - 35

Name of the chapters	NO. OF CLASSES REQUIRED FOR COMPLETION	Weightage of marks	
<b>Diversity of life</b> <ul style="list-style-type: none"><li>• Biodiversity</li><li>• Biosystematics</li><li>• Kingdom Monera</li><li>• Kingdom Protista</li><li>• Kingdom fungi</li></ul>	50	09	<b>TERM – I</b>  <b>GOLDENS</b>
<b>Kingdom Plantae</b> <ul style="list-style-type: none"><li>• Classification of major plant groups</li><li>• Algae</li><li>• Bryophyte</li><li>• Pteridophyta</li><li>• Gymnosperms</li><li>• Morphology of flowering plants</li></ul>	40	09	
<b>Plant Anatomy</b> <ul style="list-style-type: none"><li>• Tissue systems in plants – Epidermal tissue, ground tissue and vascular tissue</li><li>• Anatomy and functions of dicot and monocot root, stem and leaves</li></ul>	25	05	
<b>Plant physiology</b> <ul style="list-style-type: none"><li>• Respiration</li><li>• Photosynthesis</li><li>• Plant growth and development</li></ul>	45	12	

# ZOOLOGY

CLASS – XI

M.MARKS - 35

NAME OF THE CHAPTER	NO. OF CLASSES REQUIRED FOR COMPLETION	WEIGHTAGE OF MARKS		
Diversity in living organisms (Non-chordates)	40	08	TERM - I	
Chordates	20			
Zoological parks	06			
Sanctuaries and Biosphere reserves	10			
Cell	15	08		GOLDENS
Cell Division	10			
Morphology and Anatomy of frog	06	03		
Biomolecules	10	04		
Enzymes	08			
Human Physiology (1st two topics)	15	12		
Human Physiology (3 <sup>rd</sup> and 4 <sup>th</sup> topic)	15			
Human Physiology (5 <sup>th</sup> and 6 <sup>th</sup> topic)	15			



# FUNCTIONAL ENGLISH

CLASS – XI

M.MARKS - 100

## TERM - I

S.no	Literature Reader	Writing Skills
1	Life on Mars	Note Making and Taking
2	Wings of Fire	Message, Notice and Email writing
3	How to Prevent Early Ageing of Brain	Posters
4	Nobody Here But Us Chickens	Introducing Conversation
5	Education	English For Telephone
6		Prepositions

## TERM – II

<b>S.no</b>	<b>Literature Reader</b>	<b>Writing Skills</b>
1	Tsunami- Where Next	Factual Description
2	To Sir, With Love	Speech Writing
3	A Devoted Son	Article Writing
4	Islamic Art	Recent Actions
5		All in a Day's Work
6		How To Report

# PHYSICAL EDUCATION

CLASS – XI

M.MARKS - 70

NAME OF THE CHAPTER	NO. OF CLASSES REQUIRED FOR COMPLETION	WEIGHTAGE OF MARKS	
UNIT-1 Concepts of physical education	07	07	TERM-I
UNIT-2 Physiological aspects of physical education	10	07	
UNIT-3 Psychological aspects of physical education	06	07	
UNIT-4 Career aspects of physical education	05	07	
UNIT-5 Health and family education	08	07	
UNIT-6 Concept of major games	10	07	
UNIT-7 Sports awards	06	07	
UNIT-8 Olympic games	06	07	
UNIT-9 Diet and its importance in physical development	06	07	
UNIT-10 Common sports injuries and rehabilitation	08	07	

GOLDENS