

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

M.MARKS - 80

TERM – I

S.no	Flamingo		Vistas		
	Prose	Poetry	Prose	Writing skills	Grammar
1	The Last Lesson	My Mother at Sixty Six	The Third Level	Advertisement	Reflexive Pronouns
2	Lost Spring	Keeping Quiet	The Tiger King	Letter writing	Tenses
3	Deep Water	Aunt Jennifer's Tigers	Journey to the End of the Earth	Resume	Punctuation
4	The Rattrap			Article, Debate, Speech writing	Narration
5	Indigo			Invitations and Replies(formal and informal)	

TERM – II

S.no	Flamingo		Vistas		
	Prose	Poetry	Prose	Writing Skills	Grammar
1	Poets And Pancakes	A Thing of Beauty	The Enemy	Personality Profile, Personal Narrative,	Conjunctions
2	The Interview	A Roadside Stand	On the face of it	Humorous Writing	Prepositions
3	Going Places		Memories of Childhood		Voice Change

MATHS

CLASS – XII

M.MARKS - 80

NAME OF THE CHAPTER	NO. OF CLASSES REQUIRED FOR COMPLETION	WEIGHTAGE OF MARKS	
UNIT -1 Matrices	15	10	Term -I GOLDEN S
UNIT -2 Determinants	15		
UNIT -3 Relations and functions	10	08	
UNIT -4 Inverse trigonometric functions	10		
UNIT -5 Vectors	10	14	
UNIT -6 3 Dimensional Geometry	12		
UNIT -7 Linear Programming	8	05	
UNIT -8 Probability	12	08	
UNIT -9 Continuity and Differentiability	18	35	
UNIT -10 Applications of derivatives	10		
UNIT -11 Integrals	20		
UNIT -12 Applications of integrals	10 Winter assignment		
UNIT -13 Differential Equations	10 Winter assignment		

no of working days are less required lectures 165

PHYSICS

CLASS – XII

M.MARKS - 70

NAME OF THE CHAPTER	NO. OF CLASSES REQUIRED FOR COMPLETION	WEIGHTAGE OF MARKS	TERM-I GOLDENS
UNIT-1 Electrostatics	32	09	
UNIT-2 Current Electricity	22	07	
UNIT-9 Electronic devices	14	07	
UNIT-7 Dual nature of matter and radiation	07	04	
UNIT-8 Atoms and Nuclei	12	08	
UNIT-6 Optics	35	14	
UNIT-3 Magnetic effects of current and magnetism	30	09	
UNIT-4 EMI and AC	23	09	
UNIT-5 Electro-magnetic Waves	06	03	

CHEMISTRY

CLASS – XII

M.MARKS:70

NAME OF THE CHAPTER	NO. OF CLASSES REQUIRED FOR COMPLETION	WEIGHTAGE OF MARKS	TERM-I GOLDENS
UNIT-1 Solutions	17	07	
UNIT-2 Chemical Kinetics	15	07	
UNIT-3 Electrochemistry	22	09	
UNIT-5 Co-ordination compounds	16	07	
UNIT-6 Haloalkanes and Haloarenes	15	06	
UNIT-7 Alcohols, Phenols and Ethers	15	06	
UNIT-8 Aldehydes, ketones and Carboxylic acids	22	08	
UNIT-4 d-and f-block elements	15	07	
UNIT-9 Organic compounds containing Nitrogen	15	06	
UNIT-10 Bio-molecules	15	07	

ZOOLOGY

CLASS – XII

M.MARKS - 35

NAME OF THE CHAPTER	NO. OF CLASSES REQUIRED FOR COMPLETION	WEIGHTAGE OF MARKS	<div data-bbox="963 757 1090 808" style="border: 1px solid black; padding: 2px;">Term- I</div> <div data-bbox="1246 999 1394 1064" style="border: 1px solid black; padding: 2px;">GOLDENS</div>
Reproduction in animals (Human Reproduction)	30	11	
Reproductive Health	10		
Biotechnology (Genetic engineering)	10	05	
Bio-safety issues	5		
Health and disease	15	04	
Adolescence	10	03	
Sex determination	10	12	
Sex linked inheritance	10		
Mendelian disorders	10		
Genome and HGP	10		
DNA Fingerprinting	10		
Evolution	20		
Application of biotechnology	10		

BOTANY

CLASS – XII

M. MARKS - 35

Name of the chapters	NO. OF CLASSES REQUIRED FOR COMPLETION	Weightage of marks	
Reproduction in flowering plants <ul style="list-style-type: none">• Sexual reproduction in plants• Special modes of reproduction	45	07	TERM – I GOLDENS
Genetics <ul style="list-style-type: none">• Heredity and variation• Molecular basis of inheritance	35	09	
Biology and human welfare <ul style="list-style-type: none">• Tissue culture• Microbes in human welfare• Application of biotechnology in agriculture	35 Golden Test	07	
Ecology and environment <ul style="list-style-type: none">• Populations• Ecosystems• Biodiversity and its conservation	35	12	

FUNCTIONAL ENGLISH

CLASS – XII

M.MARKS - 100

TERM – I

S.no	Literature Reader	Writing Skills
1	Some Hill Station Ghosts	Note Making
2	The Count's Revenge	Invitations and Replies
3	Ha' Penny	Advertisements
4	Abraham Lincoln's Letter to His Son's Teacher	Memorandum
5	The Devil Outwitted	Reports
6	The Turning Point	

TERM – II

S.no	Literature Reader	Writing Skills
1	Don't Call Out or You'll Be Shot	Circulars
2	Polar Melt Down	Dialects/Accent/Register/Style
3	Taking up the Challenge	Summarising
4	The Rightful Inheritors Of Earth	Interpretation of Bar Charts and Histograms
5	Secret Of Machines	Tables and their Interpretation
6	Forest's Desperate Measures Needed	Editing and proof Reading

PHYSICAL EDUCATION

CLASS – XII

M.MARKS - 60

NO. OF THE CHAPTERS TO BE COMPLETED	NO. OF LECTURES/CLASSES REQUIRED FOR EACH CHAPTER	WEIGHTAGE OF MARKS	TERM-I GOLDENS
UNIT-1 Physical fitness	08	05	
UNIT-2 Training methods	08	10	
UNIT-3 Sociological aspects of physical education	07	10	
UNIT-4 Moral Education	06	05	
UNIT-5 Sports and environment	08	10	
UNIT-6 Yoga	06	05	
UNIT-7 Concept of major games	10	10	
UNIT-8 Sports medicine, first aid and rehabilitation	08	05	