

Gobindgarh Public School



Mandi Gobindgarh

SYLLABUS BREAKUP

CLASS : XI COMMERCE

**Gobindgarh Public School
Mandi Gobindgarh**

**XI Commerce
Grade**

Accountancy

April

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter - 1&2	10%	18
1ST WEEK	-	
2ND WEEK	-	
3RD WEEK	Chapter 1: Introduction to Accounting	
4TH WEEK	Chapter 2: Basic Accounting Terms	
5TH WEEK	Chapter 2: Basic Accounting Terms (contd.)	

XI Commerce Grade

Accountancy

May

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 3,6 and 8	5%	20
1ST WEEK	Chapter - 3 Theory Base of Accounting; chapter - 6 Rules of Debit and Credit; chapter- 8 Journal	
2ND WEEK	Revision of Ch-1, 2, 3,6 and 8	
3RD WEEK	May Evaluation, 2018	
4TH WEEK	May Evaluation, 2018	
5TH WEEK	RESULT	

XI Commerce Grade

Accountancy

June

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch - 4,9,10 and 11	10%	18
1ST WEEK	Ch- 4 Basis of Accounting, Ch-9 Ledger, Ch- 10 Special Purpose Books- Cash Book Ch-11 Other books	
2ND WEEK		
3RD WEEK		
4TH WEEK		

XI Commerce Grade

Accountancy

July

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch - 7, 11, 12, 13	10%	30
1ST WEEK	Summer break	
2ND WEEK	Ch-11 Special Purpose Books II- Other Books (contd.)	
3RD WEEK	Ch-12 Bank Reconciliation Statement	
4TH WEEK	Bank Reconciliation Statement (contd.)	
5TH WEEK	Ch-13 Trial Balance, Ch- 7 Vouchers	

XI Commerce Grade

Accountancy

August

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch -14, 15 and 16	15%	38
1ST WEEK	CH-14 Depreciation	
2ND WEEK	Ch-14 Depreciation (contd.), Ch-15 Provision and Reserves	
3RD WEEK	Ch - 16 Bills of Exchange	
4TH WEEK	Revision	
5TH WEEK	Revision	

XI Commerce Grade

Accountancy

September

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch - 17	5%	12
1ST WEEK	Revision	
2ND WEEK	Second Evaluation	
3RD WEEK	Second Evaluation	
4TH WEEK	Second Evaluation	
5TH WEEK	Ch- 17 Rectification of Errors	

XI Commerce Grade

Accountancy

OCTOBER

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch - 17, 18, 19	25%	25
1ST WEEK	CH-17 Rectification of Errors (contd.)	
2ND WEEK	Ch- 18 Financial Statements of Sole Proprietorship	
3RD WEEK	Ch- 18 Financial Statements of Sole Proprietorship (contd.)	
4TH WEEK	Ch-19 Adjustments in preparation of Financial Statements	
5TH WEEK	Ch-19 Adjustments in preparation of Financial Statements (contd.)	

XI Commerce Grade

Accountancy

NOVEMBER

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch -5, 20, 21, 22	10%	30
1ST WEEK	Ch-5 Accounting Equation Ch-20 Accounts from Incomplete Records- Single Entry System	
2ND WEEK	Ch-20 Accounts from Incomplete Records- Single Entry System(contd.)	
3RD WEEK	Ch- 21 Computers in Accounting Ch - 22 Accounting Software - Tally	
4TH WEEK	Revision	
5TH WEEK	Revision	

XI Commerce Grade

Accountancy

DECEMBER

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
	10%	10
1ST WEEK	Project work & Revision	
2ND WEEK	Third Evaluation	
3RD WEEK	Third Evaluation	
4TH WEEK	Remedial Classes	
5TH WEEK	WINTER BREAK	

XI Commerce Grade

Accountancy

JANUARY

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
		23
1ST WEEK		Revision
2ND WEEK		Revision
3RD WEEK		Revision
4TH WEEK		Revision
5TH WEEK		Remedial Classes

XI Commerce Grade

Accountancy

FEBRUARY

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
		12
1ST WEEK		Revision
2ND WEEK		Revision
3RD WEEK		Final Evaluation
4TH WEEK		Final Evaluation
5TH WEEK		Final Evaluation

SYLLABUS BREAKUP

CLASS : XI-C

**Gobindgarh Public School
Mandi Gobindgarh**

**XI-C Grade
April**

Business Studies

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter - 1 & 2 (Nature & Purpose of business, Forms of business organizations, formation of Co.)	20%	30
1ST WEEK	Nil	
2ND WEEK	Economic & Non economic activities and its types, Difference between business, profession and employment, types of industry and role of commerce,	
3RD WEEK	Business risk Causes and nature, Role of profit, sole proprietorship merits and demerits, Partnership merits, demerits & types	
4TH WEEK	Joint Hindu Family business, Cooperative society, Joint Stock Co. & its formation.	

XI-C Grade

Business Studies

May

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Revision of Chapter 1 and 2	20%	10
1ST WEEK	Revision of Ch-1 & 2	
2ND WEEK	First Evaluation	
3RD WEEK	First Evaluation	
4TH WEEK	First Evaluation	
5TH WEEK	RESULT	

**XI-C Grade
June**

Business Studies

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 4,5 (Business services & Emerging modes of business)	Theory: 15% Practical:10%	18
1ST WEEK	Business services: Banking, Insurance, Postal services, Telecom services, Emerging modes of business: E-business, Outsourcing & Project work.	
2ND WEEK		
3RD WEEK		
4TH WEEK	Summer Break	

XI-C Grade
July

Business Studies

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter - 3,6(Public, Private & global Enterprises, S. R.& Business Ethics)	15%	30
1ST WEEK	Summer Break	
2ND WEEK	Types of public sector enterprises(departmental, statutory corporation & Govt. Co.), MNCs, Joint Venture	
3RD WEEK	Changing role of public sector & Industrial policy 1991	
4TH WEEK	Social responsibility of business: concept, arguments (against & favor), reality, kinds, S.R. towards different interested groups.	
5TH WEEK	Business ethics: concept & elements, Environment Protection and business: meaning & role.	

XI-C Grade

Business Studies

August

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 7,8 (Sources of Business finance, Small Business)	20%	33
1ST WEEK	Sources of business finance: Owners funds (Equity Shares, Preference Shares, Retained Earnings)	
2ND WEEK	Borrowed funds: Debentures & bonds, Loan from financial institutions & commercial Banks.	
3RD WEEK	Borrowed funds: Public Deposits, Trade Credits, Inter corporate deposits.	
4TH WEEK	Types of international financing: GDRs, ADRs, IDRs.	
5TH WEEK	Small Business MSMED act, role and problems, Incentives available to Small business	

**XI-C Grade
September**

Business Studies

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch-1 to 8	80%	10
1ST WEEK	Revision	
2ND WEEK	Second Evaluation	
3RD WEEK	Second Evaluation	
4TH WEEK	Result	

XI-C Grade

Business Studies

October

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 9 & 10 (Internal Trade & International Business)	20%	20
1ST WEEK	Internal trade and its types, Automatic vending machine, Chamber of Commerce & industry.	
2ND WEEK	Concept of GST & its key features And Types of large scale retailers (Depart. stores, Chain stores, Mail order houses)	
3RD WEEK	Main documents used in internal trade and terms of trade	
4TH WEEK	International Trade : concept and benefits, export procedure	
5TH WEEK	Import procedure and documents	

**XI-C Grade
November**

Business Studies

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Revision of Chapter 1 to 10	100%	30
1ST WEEK	Conceptual Revision	
2ND WEEK	HOTS Revision	
3RD WEEK	Case Studies	
4TH WEEK	Revision	

XI-C Grade

Business Studies

December

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter- 1 to 10	100%	10
1ST WEEK	Revision	
2ND WEEK	Third Evaluation	
3RD WEEK	Third Evaluation	
4TH WEEK	Third Evaluation	
5TH WEEK	Winter Break	

XI-C Grade

Business Studies

January

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch. - 1 to 10 (Revision)	100%	30
1ST WEEK	Revision & Practice of book exercise	
2ND WEEK	Revision & Practice of book exercise	
3RD WEEK	Revision & Practice of past papers	
4TH WEEK	Revision & Practice of past papers	
5TH WEEK	Revision & Practice of past papers	

XI-C Grade

Business studies

February

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter-1 to 10	Theory : 90 Practical: 10 (100%)	
1ST WEEK	Business Studies(054)-Final Evaluation 2019-20	
2ND WEEK	Business Studies(054)-Final Evaluation 2019-20	
3RD WEEK	Business Studies(054)-Final Evaluation 2019-20	
4TH WEEK	Business Studies(054)-Final Evaluation 2019-20	

SYLLABUS BREAKUP

**CLASS : XI
ECONOMICS**

**Gobindgarh Public School
Mandi Gobindgarh**

**XI Grade
April**

Economics

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch. 9 & 10: Measures of Central Tendency: Arithmetic Mean, Median & Mode	8%	18
1ST WEEK	Nil	
2ND WEEK	Nil	
3RD WEEK	Mean (Simple & Weighted)	
4TH WEEK	Median & Mode	

**XI Grade
May**

Economics

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch. 2 & 3: Introduction, Collection of data, Methods of collecting data	5%	21
1ST WEEK	What is Economics? Meaning, scope, functions and importance of statistics in Economics	
2ND WEEK	Revision & First Evaluation	
3RD WEEK	First Evaluation	
4TH WEEK	Collection of data - sources of data - primary and secondary; how basic data is collected, with concepts of Sampling; Sampling and Non-Sampling errors;	
5TH WEEK	Methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organisation	

**XI Grade
June**

Economics

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch. 4-8: Organisation & Presentation of Data and Project Work	13%	15
1ST WEEK	Organisation of Data: Meaning and types of variables; Frequency Distribution, Presentation of Data: Tabular Presentation	
2ND WEEK	Diagrammatic Presentation of Data: (i) Geometric forms (bar diagrams and pie diagrams), (ii) Frequency diagrams (histogram, polygon and ogive)	
3RD WEEK	Arithmetic line graphs (time series graph), Project Work	
4TH WEEK	-----	

**XI Grade
July**

Economics

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Organisation & Presentation of Data and Project Work Ch. 11: Measures of Dispersion	20%	27
1ST WEEK	Organisation and presentation of data	
2ND WEEK	Measures of Dispersion - absolute dispersion (range, quartile deviation and mean deviation)	
3RD WEEK	Standard deviation; relative dispersion (co-efficient of range, co-efficient of quartile-deviation)	
4TH WEEK	Co-efficient of mean deviation, co-efficient of variation; Lorenz Curve: Meaning, construction and its application	

XI Grade

Economics

August

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch. 14-17: Economics & Economy, Central Problems of an economy, Consumer's Equilibrium	13%	36
1ST WEEK	Meaning of Microeconomics & Macroeconomics, Positive & Normative Economics. What is an economy ?	
2ND WEEK	Central problems of an economy; What, how and for whom to produce; Concepts of production possibility frontier and opportunity cost	
3RD WEEK	Consumer's equilibrium - meaning of utility, marginal utility, law of diminishing marginal utility, conditions of consumer's equilibrium using marginal utility analysis	
4TH WEEK	Indifference curve analysis of consumer's equilibrium-the consumer's budget (budget set and budget line)	
5TH WEEK	Preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium	

XI Grade

Economics

September

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch. 18-19: Theory of Demand, Price Elasticity of Demand	4%	18
1ST WEEK	Revision	
2ND WEEK	Second Evaluation	
3RD WEEK	Second Evaluation	
4TH WEEK	Demand, market demand, determinants of demand, demand schedule, Demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand; measurement of price elasticity of demand - percentage-change method	

XI Grade

Economics

October

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch. 20-23, 25: Production function & Returns to a factor, Cost, Revenue, Producer's Equilibrium, Forms of Market	13%	22
1ST WEEK	Meaning of Production Function - Short-Run and Long-Run Total Product, Average Product and Marginal Product. Returns to a Factor	
2ND WEEK	Cost: Short run costs - total cost, total fixed cost, total variable cost; Average cost; Average fixed cost, average variable cost and marginal cost-meaning and their relationships	
3RD WEEK	Revenue - total, average and marginal revenue - meaning and their relationship. Producer's equilibrium-meaning and its conditions in terms of marginal revenue-marginal cost	
4TH WEEK	Perfect competition - Features; Other Market Forms - monopoly, monopolistic competition, oligopoly - their meaning and features	

XI Grade

Economics

November

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch. 24, 26, 12: Supply, Market Equilibrium, Correlation	16%	37
1ST WEEK	Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage-change method	
2ND WEEK	Determination of market equilibrium and effects of shifts in demand and supply. Simple Applications of Demand and Supply: Price ceiling, price floor	
3RD WEEK	Correlation - meaning and properties, scatter diagram; Measures of correlation - Karl Pearson's method (two variables ungrouped data) Spearman's rank correlation	
4TH WEEK	Revision	

XI Grade

Economics

December

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch. 13: Index Numbers	3%	9
1ST WEEK	Revision	
2ND WEEK	Third Evaluation	
3RD WEEK	Third Evaluation	
4TH WEEK	Introduction to Index Numbers - meaning, types	
5TH WEEK	WINTER BREAK	

XI Grade

Economics

January

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch. 13: Index Numbers	5%	36
1ST WEEK	Wholesale price index, consumer price index and index of industrial production, uses of index numbers; Inflation and index numbers	
2ND WEEK	Revision	
3RD WEEK	Revision	
4TH WEEK	Revision	
5TH WEEK	Revision	

XI Grade

Economics

February

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Full Syllabus	100%	9
1ST WEEK	Revision	
2ND WEEK	Final Evaluation	
3RD WEEK	Final Evaluation	
4TH WEEK	Result Declaration	

SYLLABUS BREAKUP

CLASS : XI

**Gobindgarh Public School
Mandi Gobindgarh**

XI Grade

Fine arts

APRIL (23 days)

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Dot Technique	10%	T-3 P-5
1ST WEEK		
2ND WEEK		
3RD WEEK	Pointless Technique in Flowers and flower pot	
4TH WEEK	File Cover of Drawing file Write your name in stylish way.	
5 TH WEEK	Dot Technique	

XI Grade

FINE ARTS

May(24 days)

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
• Painting of Rajasthani School	10%	T-8 P-10
1 ST WEEK	Paintings of Rajasthani School Land scape	
2 ND WEEK	Description of Rajasthani Painting	
3 RD WEEK	First Evaluation	
4 TH WEEK	First Evaluation (objective type questions)	
5 TH WEEK	Objective type of questions	

XI Grade

FINE ARTS

June(18 days)

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Knife painting and marbling	10%	T-8 P-10
1 ST WEEK		
2 ND WEEK		Knife painting
3 RD WEEK		continued
4 TH WEEK		marbling
5 TH WEEK		Summer Break

XI

FINEARTS

July (19 days)

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
<ul style="list-style-type: none">Rajasthani school of miniature paintingOil painting	10%	T-8 P-10
1ST WEEK	Summer Break	
2ND WEEK	Summer Break	
3RD WEEK	Drawing of land scape outlining with black pen detail work in painting	
4TH WEEK	Still life with pen and ink work . Why do you like or dis like paintings ?	
5TH WEEK	Land scape and still life	

**X1 Grade
AUGUST
(24 days)**

FINEARTS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Pencil shading file cover	10%	T-14 P-16
1ST WEEK	Pencil shading ,drawing using 2B pencil and shading 6b pencil	
2ND WEEK	Different tones with different pencils	
3RD WEEK	ORIGIN AND DEVELOPMENT OF Rajasthani school smudging and detailing	
4TH WEEK	REVISION OF 11 EVALUATION	
5TH WEEK	REVISION OF 11 EVALUATION	

**XI Grade
September
(22 days)**

Fine Arts

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Mughal School Of Miniature Painting	10%	T-5 P-7
1ST WEEK	Revision Charcoal Work With different tones	
2ND WEEK	Paintings of Mughal School Of Miniature Painting	
3RD WEEK	II Evaluation	
4TH WEEK	II Evaluation	
5TH WEEK	Result And Discussion Of Answers	

XI Grade
Month-October
(15 days)

Fine Arts

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
1. Crowdy Scenes 2. Sculpture	10%	T-8 P-12
1ST WEEK	Drawing of Crowdy Scene	
2ND WEEK	Colouring of Crowdy Scenes with mix media and black gel pen.	
3RD WEEK	Sculptures Introduction and Description.	
4TH WEEK	Still life with three objects.	
5TH WEEK	Land scape composition with srcatching technique	

**XI Grade
Month-November
(25 days)**

Fine Arts

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Graphic Paints	10%	T-14 P-16
1ST WEEK	Introduction of <i>Graphic print</i>	
2ND WEEK	Relief work with different coloured cones	
3RD WEEK	Land scape composition on nature of festival	
4TH WEEK	Coloring with mix media on landscape composition	
5TH WEEK	Revision of third evaluation	

**XI Grade
Month-December
(21days)**

Fine Arts

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Revision of History of Indian Art	10%	T-4 P-6
1ST WEEK	Revision of III Evaluation	
2ND WEEK	III Evaluation	
3RD WEEK	III Evaluation	
4TH WEEK	Winter Break	

XI Grade
Month-January
(24 days)

Fine Arts

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Revision of History of Indian Art	10%	T-14 P-16
1ST WEEK	Drawing for Mosaic Work	
2ND WEEK	Fixing of Tiles of C.d. pieces on drawing	
3RD WEEK	Introduction of Mughal Paintings	
4TH WEEK	Description of Mughal Paintings	

XI Grade
Month-February
(24 days)

Fine Arts

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
1. Still Life Composition 2. Pahari Paintings	10%	T-3 P-5
1ST WEEK	Still Life Composition With Mix Media	
2ND WEEK	Introduction of Pahari Paintings	
3RD WEEK	Description of Pahari Paintings	
4TH WEEK	Revision of Mughal and Pahari Paintings	

Syllabus Breakup

Class : XI

**Gobindgarh Public School
Mandi Gobindgarh**

XI : Grade		Subject: Mathematics
Month : April 2019		
TOPIC/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter-1, 5 , 4		27
1 ST WEEK		
2 ND WEEK		
3 RD WEEK	Introduction of complex numbers, Algebra of complex numbers, The modulus and the conjugate of complex number, Argand plane and polar representation, Quadratic equations.	
4 TH WEEK	Introduction to principle of mathematical induction , The principle of mathematical induction, Introduction of Sets The Empty Set, Finite and Infinite Sets, Equal Sets, Subsets, Power Set, Universal Set	
5 th WEEK	Introduction to Venn Diagrams, Compliment of a Set.	

XI : Grade	Subject: Mathematics	
Month : May 2019		
TOPIC/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter -1 (cont.), 6		20
1 ST WEEK	Practical Problems on Union and Intersection of Two Sets. Introduction of Linear Inequalities, Algebraic Solutions of Linear Inequalities in One Variable and their Graphical Representation, Graphical Solution of Linear Inequalities in Two Variables.	
2 ND WEEK	Revision of chapters and discussion of doubts of students for preparation of first evaluation.	
3 RD WEEK	First Evaluation	
4 TH WEEK	First Evaluation	
5 th WEEK	Answer sheets will be shown and question paper will be discussed with the students	

XI : Grade	Subject: Mathematics	
Month : June,2019		
TOPIC/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter-3		18
1 ST WEEK	Summer Vacations	
2 ND WEEK	Measurement of angles, Trigonometric Functions, Graphs of trigonometric Functions, Values of Trigonometric Functions at multiples and sub-multiple of angles.	
3 RD WEEK	Sine and Cosine Formulae and their applications.	
4 TH WEEK	Assignment will be discussed with students.	
5 th WEEK	Summer Vacations	

XI : Grade	Subject: Mathematics	
Month : July,2019		
TOPIC/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch-3 (cont.) , 13 , 14 , 15		21
1 ST WEEK	Summer Vacations	
2 ND WEEK	Trigonometric Equations. Introduction of Limits, Intuitive idea of Derivatives.	
3 RD WEEK	Limits of Trigonometric Functions, Exponential Functions, Log Functions.	
4 TH WEEK	Differentiation from first principle and formula method , Introduction to statements, new statements from old, Special words/phrases, Implications, Validating statements	
5 th WEEK	Introduction of Statistics, Measures of Dispersion	

XI : Grade	Subject: Mathematics	
Month : August,2019		
TOPIC/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch-15 (cont.) , 7 , 8 , 16		36
1 ST WEEK	Variance, standard deviation of ungrouped/grouped data. Analysis of frequency distribution with equal means but different variances.	
2 ND WEEK	Factorial Notation, Fundamental Principles of Counting, Permutations, Practical problems on permutations Circular Permutations.	
3 RD WEEK	Combinations, Difference between Permutation and Combination, Combinations of n different objects, Practical problems on combinations.	
4 TH WEEK	Binomial Theorem for positive integral index, Some observations in Binomial expansion, General term in binomial expansion, Middle term in binomial expansion.	
5 th WEEK	Different types of problems based on general term and coefficient of variable in binomial expansion , Introduction to probability, random experiments, event, Axiomatic Approach to probability.	

XI : Grade	Subject: Mathematics	
Month : September, 2019		
TOPIC/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Discussion of doubts of students for the preparation of second evaluation		12
1 ST WEEK	Discussion of doubts of students for the preparation of second evaluation.	
2 ND WEEK	Second Evaluation	
3 RD WEEK	Second Evaluation	
4 TH WEEK	Second Evaluation	
5 th WEEK	Answer sheet will be shown, Discussion of question paper with students	

XI : Grade	Subject: Mathematics	
Month : October, 2019		
TOPIC/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch- 9 , 2		22
1 ST WEEK	Arithmetic Progression, general term of an arithmetic progression, sum of n terms of AP, Word problems on AP,	
2 ND WEEK	Arithmetic Mean, To insert n arithmetic means between a and b, Geometrical Progression, General term of GP, Sum of n terms of GP.	
3 RD WEEK	Geometric Mean, To insert n geometric means between a and b, Infinite geometric series.	
4 TH WEEK	Some special series, sum of first n natural numbers	
5 th WEEK	sum of the squares of first n natural numbers sum of the cubes of first n natural numbers, Cartesian product of sets, Relations, Functions.	

XI : Grade	Subject: Mathematics	
Month : November,2019		
TOPIC/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch-10 , 11, 12		36
1 ST WEEK	Introduction of Straight Lines, Slope of a line, Various forms of the Equations of a line, General Equation of a line.	
2 ND WEEK	Distance of a point from a line, Introduction to conic sections i.e circle, parabola, ellipse and hyperbola, different forms of circle.	
3 RD WEEK	Parabola, Ellipse and Hyperbola in terms of their different types, focus, vertex, equation of directrix, equation of axis, eccentricity, latus rectum, equation of latus rectum, applications of conic sections, Coordinates of a point in space, Distance between two points, Section formula.	
4 TH WEEK	Discussion of doubts with students for the preparation of third evaluation.	
5 th WEEK	Discussion of doubts with students for the preparation of third evaluation	

XI : Grade	Subject: Mathematics	
Month : December,2019		
TOPIC/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Discussion of doubts with students for the preparation of third evaluation		10
1 ST WEEK	Discussion of doubts with students for the preparation of third evaluation	
2 ND WEEK	Third Evaluation	
3 RD WEEK	Third Evaluation	
4 TH WEEK	Answer sheets will be shown and discussion of question paper with students.	
5 th WEEK	Winter Break	

XI : Grade	Subject: Mathematics	
Month : January, 2020		
TOPIC/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Discussion of assignments of each topic with students		32
1 ST WEEK	Discussion of assignments.	
2 ND WEEK	Discussion of assignments.	
3 RD WEEK	Discussion of assignments.	
4 TH WEEK	Discussion of assignments.	
5 th WEEK	Discussion of doubts.	

XI : Grade	Subject: Mathematics	
Month : February, 2020		
TOPIC/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Revision for Final Evaluation		8
1 ST WEEK	Revision for Final Evaluation	
2 ND WEEK	Final Evaluation	
3 RD WEEK		
4 TH WEEK		

SYLLABUS BREAKUP

CLASS : XI
Punjabi

Gobindgarh Public School
Mandi Gobindgarh

11 arts Grade

Subject : Punjabi

Month : April

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ਵਾਰਤਕ ਕਵਿਤਾ		32
1ST WEEK	-----	
2ND WEEK	-----	
3RD WEEK	ਹੁਕਮਨਾਮਾ, ਗੁਰੂ ਰਾਮਦਾਸ ਜੀ, ਅਨੁਪ੍ਰਾਸ-ਅਲੰਕਾਰ	
4TH WEEK	ਕਵੀ:- ਭਾਈ ਵੀਰ ਸਿੰਘ, ਧਨੀ ਰਾਮ ਚਾਤ੍ਰਕ	

11 arst Grade

Subject : Punjabi

Month : May

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ਪਾਠ ਪੁਸਤਕ 2, ਵਿਆਕਰਨ 1	50 ਅੰਕ	32
1ST WEEK	ਕੀਰਤ ਤੇ ਮਿੱਠਾ ਬੋਲਣਾ (ਵਾਰਤਕ) ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ (ਕਵਿਤਾ)	
2ND WEEK	ਅਖਾਣ- ਭਾਗ ਓ ਅਤੇ ਦੁਹਰਾਈ ਮਈ ਪਰੀਖਿਆ ਸ਼ੁਰੂ	
3RD WEEK	ਮਈ ਪਰੀਖਿਆ	
4TH WEEK	ਮਈ ਪਰੀਖਿਆ ਦੀਆਂ ਉੱਤਰ ਪੱਤਰੀਆਂ ਦਿਖਾਉਣੀਆਂ, ਛੁੱਟੀਆਂ ਦਾ ਕੰਮ ਦੇਣਾ	

11arts Grade

Subject : Punjabi

Month : JUNE

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
1ST WEEK	SUMMER VACATION	
2ND WEEK		
3RD WEEK		
4TH WEEK		

11arts Grade

Subject : Punjabi

Month : July

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ਪਾਠ ਪੁਸਤਕ 2, ਸਾਹਿਤ 1, ਵਿਆਕਰਨ 1		25
1ST WEEK	ਛੁੱਟੀਆਂ	
2ND WEEK	ਵਾਰਤਕ- ਹੱਸਣਾ ਅਤੇ ਕੈਕਣਾ, ਰੂਪਕ ਅਲੰਕਾਰ	
3RD WEEK	ਕਵਿਤਾ- ਬੁੱਲੇ ਸ਼ਾਹ, ਹਾਸ ਰਾਸ	
4TH WEEK	ਅਖਾਣ- ਭਾਗ ਅ, ਨਾਟਕ -ਰਿਸ਼ਤੇ ਦੁਹਰਾਈ	

11arts Grade

Subject : Punjabi

Month : August

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ਪਾਠ ਪੁਸਤਕ -4 ਵਿਆਕਰਨ-2 ਸਾਹਿਤ-2	10%	32
1ST WEEK	ਘੜੱਮ ਚੌਧਰੀ- ਵਾਰਤਕ ਵਾਰਸ ਸ਼ਾਹ, ਕਿੱਸਾ ਹੀਰ	
2ND WEEK	ਚਰਨ ਸਿੰਘ ਸ਼ਹੀਦ-ਕਵਿਤਾ ਉਪਮਾ, ਅਲੰਕਾਰ, ਕਰੁਣਾ ਰਸ	
3RD WEEK	ਸ਼ਬਦ-ਸੁੱਧੀ (ਅਭਿਆਸ) ਅਖਾਣ (ਭਾਗ ਏ)	
4TH WEEK	ਨਾਟਕ ਪੜਨਾ-ਰਿਸ਼ਤੇ ਦੁਹਰਾਈ ਅਤੇ ਤਿਆਰੀ ਸਤੰਬਰ ਪਰੀਖਿਆ	

11arts Grade

Subject : Punjabi

Month : September

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
	100	18
1ST WEEK	ਦੁਹਰਾਈ ਅਤੇ ਤਿਆਰੀ ਸਤੰਬਰ ਪਰੀਖਿਆ	
2ND WEEK	ਸਿਤੰਬਰ ਪ੍ਰੀਖਿਆ	
3RD WEEK	ਸਿਤੰਬਰ ਪ੍ਰੀਖਿਆ	
4TH WEEK	ਸਤੰਬਰ ਪਰੀਖਿਆ ਅਤੇ ਮਾਧੇ ਅਧਿਆਪਕ ਮਿਲਾਈ	

11 arts Grade

Subject : Punjabi

Month :October

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ਪਾਠ ਪੁਸਤਕ-3, ਵਿਆਕਰਨ-2, ਸਾਹਿਤ-1		25
1ST WEEK	ਨੈਸ਼ਨਲ ਸਟੇਡੀਅਮ ਦੀਆਂ ਯਾਂਦਾ (ਵਾਰਤਕ) ਬਚਨ ਬੇਦਿਲ (ਪੰਜਾਬੀ ਗੀਤਕਾਰ)	
2ND WEEK	ਮੁਆਫ ਕਰਨਾ (ਵਾਰਤਕ) ਪਿੰਗਲ-ਅਰਥ ਅਤੇ ਮਹੱਤਵ	
3RD WEEK	ਅਖਾਣ- ਭਾਗ ਸ ਅਤੇ ਹ ਵਰਤੋਂ ਅਤੇ ਅਰਥ ਬੋਧ	
4TH WEEK	ਦੁਹਰਾਈ ਰਸ ਅਤੇ ਅਲੰਕਾਰ, ਮੌਖਿਕ/ਲਿਖਤੀ ਟੈਸਟ	

11 arts Grade

Subject : Punjabi

Month :November

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ਪਾਠ ਪੁਸਤਕ-2, ਨਾਟਕ 1		36
1ST WEEK	ਝੜੈ ਕਦੇ ਨਾ ਝੂਰਹਿ ਮੂੜੇ (ਵਾਰਤਕ) ਜਗੀਰ ਮਾਣਕੀਆਂ (ਕਵਿਤਾ)	
2ND WEEK	ਸਲਾਨਾ ਇਨਾਮ ਵੰਡ ਸਮਾਰੋਹ	
3RD WEEK	ਸਮੁੱਚਾ ਨਾਟਕ ਪੜਨਾ (ਰਿਸ਼ਤੇ)	
4TH WEEK	ਦਹਿਰਾਈ-ਅਖਾਣ ਅਤੇ ਸ਼ਬਦ ਸੁੱਧੀ	

11 arts Grade

Subject : Punjabi

Month :December

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ਦੁਹਰਾਈ	100%	8
1ST WEEK	ਸਮੁੱਚੀ- ਦੁਹਰਾਈ ਸਾਹਿਤ ਮਾਲਾ	
2ND WEEK	ਦਸੰਬਰ ਪ੍ਰੀਖਿਆ ਸ਼ੁਰੂ	
3RD WEEK	ਦਸੰਬਰ ਪਰੀਖਿਆ	
4TH WEEK	ਪਰਿਖਿਆ ਖਤਮ ਅਤੇ ਸਰਦੀਆਂ ਦੀਆਂ ਛੁੱਟੀਆਂ	

12arts Grade

Subject : Punjabi

Month : January

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ਪਾਠ ਪੁਸਤਕ, ਵਿਆਕਰਨ, ਸਾਹਿਤ ਮਾਲਾ	100% ਫਰਵਰੀ ਸਲਾਨਾ ਪਰਿਖਿਆ	24
1ST WEEK	ਸੰਖੇਪ ਦੁਹਰਾਈ	
2ND WEEK	ਮੌਕ ਪ੍ਰੀਖਿਆ	
3RD WEEK	ਮੌਕ ਬੋਰਡ ਪ੍ਰੀਖਿਆ	
4TH WEEK	ਸਮੁੱਚੀ ਸੰਖੇਪ ਦੁਹਰਾਈ	

Syllabus

breakup

XI-Grade

April-Month

Subject: History

TOPICS/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch1: From the beginning of time Ch2: Writing and city life	Section A (15 Marks) Section B,C,D (20 Marks Each) Map Work Units 1-16 (5Marks)	30
1st WEEK	1Views on the origin of human beings 2Early societies	
2nd WEEK	3Historians views on present day gathering- hunting societies	
3rd WEEK	Ch-2: 1. Growth of towns 2 Nature of early urban societies	
4th WEEK	3Historians debate on uses of writing	
5th WEEK	Continued	

XI-Grade

MAY-Month

Subject: History

TOPICS/ CHAPTERS	WEIGHTAGE	TEACHER PERIODS
Ch1: From the beginning of time Ch2: Writing and city life	Section A (15 Marks) Section B,C,D (20 Marks each) Map Work Units 1-16 (5Marks)	20
1st WEEK	Revision of Ch- 1 (Topic no. 1, 2 and 3)	
2nd WEEK	Revision of Ch- 2 (Topic no. 1, 2 and 3)	
3rd WEEK	First Evaluation	
4th WEEK	First Evaluation	
5th WEEK	Map practice	

XI-Grade

JUNE-Month

Subject: History

TOPICS/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch3 An Empire Across Three Continents Ch4 The Central Islamic Lands	Section A (15 Marks) Section B,C,D (20 Marks Eacg) Map Work Units 1-16 (5Marks)	18
1st WEEK	Vacations	1st WEEK
2nd WEEK	1Political Evolution and Economic expansion 2Religio- cultural foundation 3Late Antiquity	2nd WEEK
3rd WEEK	Ch4: 1. Polity 2. Economy 3. Culture	3rd WEEK
4th WEEK	Vacations	4th WEEK
5th WEEK	SUMMER BREAK	

XI-Grade

JULY-Month

Subject:HISTORY

TOPICS/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch5 Nomadic Empires Ch 6 Three Orders	Section A (15 Marks) Section B,C,D (20 Marks each) Map Work Units 1-16 (5Marks)	21
1st WEEK	1.Nature of Nomadism 2.Formation of empires	
2nd WEEK	3.Conquests and relations with other states 4.Historians views on Nomadic societies	
3rd WEEK	Ch6:1. Feudal society and economy 2. Formation of states	
4th WEEK	3. Church and society	
5th WEEK	4. Decline of feudalism	

XI-Grade
AUGUST-Month

Subject: HISTORY

TOPICS/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch 6 Three Orders (Continued) Ch7 Changing Cultures	Section A (15 Marks) Section B,C,D (20 Marks each) Map Work Units 1-16 (5Marks)	36
1st WEEK	Ch6 (Topic no. 1 to 4Continued)	
2nd WEEK	Ch6 (Topic no. 1 to 4Continued)	
3rd WEEK	Ch7: 1. New ideas and new trends in literature and arts 2. Relationship with earlier ideas	
4th WEEK	3.The contribution of West- Asia	
5th WEEK	4. European Renaissance	

XI -Grade SEPTEMBER -Month

Subject:HISTORY

TOPICS/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Revision of Ch-5,6,7	Section A (15 Marks) Section B,C,D (20 Marks each) Map Work Units 1-16 (5Marks)	12
1st WEEK	Revision	
2nd WEEK	2 nd Evaluation	
3rd WEEK	2 nd Evaluation	
4th WEEK	Source based questions	
5th week	map work	

XI-Grade
Month-OCTOBER

Subject: HISTORY

TOPICS/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch8 Confrontation of cultures Ch9 The industrial Revolution	Section A (15 Marks) Section B,C,D (20 Marks each) Map Work Units 1-16 (5Marks)	22
1st WEEK	1European voyages of exploration 2Search of gold and raids	
2nd WEEK	3Indigenous people and cultures 4The history of displacements	
3rd WEEK	Ch9 :1. Innovation and the technological change 2. Pattern of growth	
4th WEEK	3.Emergence of working class	
5th WEEK	Map practice	

XI-Grade
Month-NOVEMBER

Subject: HISTORY

TOPICS/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch10 Displacing Indigenous People	Section A (15 Marks) Section B,C,D (20 Marks Each) Map Work Units 1-16 (5Marks)	36
1st WEEK	1 European colonists in North- America 2 Formation of white settler societies	
2nd WEEK	3 Displacement and repression of local people	
3rd WEEK	4 Impact of European settlement in Indigenous population	
4th WEEK	Source based questions	
5th WEEK	value based questions	

XI-Grade
Month-DECEMBER

Subject: HISTORY

TOPICS/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Revision of above chapters	Section A (15 Marks) Section B,C,D (20 Marks Each) Map Work Units 1-16 (5Marks)	10
1 st WEEK	Revision	
2 nd WEEK	3 rd Evaluation	
3 rd WEEK	3 rd Evaluation	
4 th WEEK	Source , value based questions and maps	
5 th WEEK		

XI-Grade
Month-Januray

Subject: HISTORY

TOPICS/ CHAPTERS	WEIGHTAGE	TEACHER PERIODS
Ch. 11 Paths to Modernization	Section A (15 Marks) Section B,C,D (20 Marks) Map Work Units 1-16 (5Marks)	32
1 st WEEK	1.Militarization and economic growth in Japan	
2 nd WEEK	2. China and the communist alternative	
3 rd WEEK	3. Meaning Of Modernization	
4 th WEEK	Source , value based questions	
5 th WEEK	Revision	

XI-Grade
Month-February

Subject: History

TOPICS/ CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Revision of above chapters	Section A (15 Marks) Section B,C,D (20 Marks Each) Map Work Units 1-16 (5Marks)	8
1 st WEEK	Revision	
2 nd WEEK	FINAL EXAMINATION	
3 rd WEEK	FINAL EXAMINATION	
4 th WEEK	FINAL EXAMINATION	
5 th WEEK	RESULT	

SYLLABUS BREAKUP

**CLASS : XI
BIOLOGY**

**Gobindgarh Public School
Mandi Gobindgarh**

11thGrade

BIOLOGY

April

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 1: The living world, Chapter 2: Biological Classification	Unit 1: 10 (Chapter 1, 2, 3 & 4)	Theory: 14 Practical: 4
1ST WEEK	-----	
2ND WEEK	-----	
3RD WEEK	Characters of life, catabolism and anabolism, Identification, systematics, scientific naming	
4TH WEEK	Characters of Kingdom Monera, Protista, Fungi & Viruses.	

11th Grade

May

BIOLOGY

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 3: Plant Kingdom, Chapter 4: Animal Kingdom	Unit 1: 10 (Chapter 1,2,3&4)	Theory: 15 Practical: 4
1ST WEEK	Characters of 5 divisions of Plant Kingdom: Thallophyta, Bryophyta, Pteridophyta, Gymnosperms, Angiosperms.	
2ND WEEK	Characters of all phylum of kingdom animalia. Details of chordates.	
3RD WEEK	May Test - 1	
4TH WEEK	May Test - 2	
5TH WEEK	Introductory session of plant morphology	

11th Grade

June

BIOLOGY

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 5: Morphology of Flowering Plants Chapter 6: Anatomy of Flowering Plants Chapter 7 : Structural organization in animals	Unit 2: 17 (Chapter 5,6&7)	Theory: 19
1ST WEEK	Types of roots, stem, leaf and their modifications. Types of aestivation ,placentation,	
2ND WEEK	Types of tissues in Plants, secondary growth in plants. Internal structure of roots and stems.	
3RD WEEK	Types of animal tissues, cockroach anatomy in detail.	
4TH WEEK	SUMMER VACATION	

11th Grade

BIOLOGY

July

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 8: Cell: The unit of Life Chapter 9: Biomolecules Chapter 10: Cell cycle and cell division	Unit 3: 23 (Chapter 8,9&10)	Theory: 23 Practical: 6
1ST WEEK	Summer Vacation	
2ND WEEK	Cell structure and function, cell theory, cell organelles :structures and functions.	
3RD WEEK	Structural organization of carbohydrates, fats, proteins, Nucleic acids.	
4TH WEEK	Structure of DNA & RNA	
5TH WEEK	Cell cyle,Mitosis,Meiosis	

11th Grade

BIOLOGY

August

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 11: Transport in Plants. Chapter 12: Mineral Nutrition Chapter 13: Photosynthesis in Higher Plants.	Unit 4: 25 (Chapter 11 to 15)	Theory: 28 Practical: 08
1ST WEEK	Transport of water by xylem and food by phloem, Transpiration pull theory.	
2ND WEEK	Diffusion, osmosis, active transport, symplast and apoplast movements in plants	
3RD WEEK	Photosystem in plants, PS I, PS II	
4TH WEEK	Light reactions, dark reactions,	
5 TH WEEK	Z-scheme of transport of electrons in PS-I	

11th Grade

Biology

September

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 14: Respiration in Plants (after exams)	Unit 4: 25 (Chapter 11 to 15)	Theory: 6
1ST WEEK	Term-1 Practical Exam	
2ND WEEK	First Term Examination	
3RD WEEK	First Term Examination	
4TH WEEK	First Term Examination	
5TH WEEK	TCA Cycle, Glycolysis	

11thGrade

BIOLOGY

October

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 15: Plant growth and development Chapter 16: Digestion and absorption Chapter 17: Breathing and Exchange of gases Chapter 18: Body fluids and circulation	Unit 4: 25 (Chapter 11 to 15) Unit 5: 25 (Chapter - 16 to 22)	Theory: 21 Practical: 6
1ST WEEK	Hormonal system in Plants, Concept of vernalisation and photoperiod	
2ND WEEK	Human digestive system, digestive Glands and their functions.	
3RD WEEK	Human respiratory system, Breathing: Inhalation and exhalation	
4TH WEEK 5TH WEEK	Human circulatory system, Structure of Human Heart	

11thGrade

November

BIOLOGY

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 19: Excretory products and their elimination Chapter 20: Locomotion and movement Chapter 21: Neural control and coordination Chapter 22: chemical control & integration (endocrinology).	Unit 5: 25 (Chapter-16to22)	Theory: 22 Practical: 6
1ST WEEK	Human excretory system :Parts, functions and disorders, Urine formation and Kidney transplant.	
2ND WEEK	Locomotion: structure of muscle tissue, sarcomere, SLIDING FILAMENT THEORY Human skeletal system, types of joints.	
3RD WEEK	Human nervous system, structure of human brain, CNS & PNS	
4TH WEEK	Chemical coordination & integration; hormonal system, exocrine glands, -ve feedback mechanism.	

11thGrade

BIOLOGY

December

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
REVISION/EXAMINATION	100	Theory:6
1ST WEEK	REVISION.	
2ND WEEK	TERM-II EXAMINATION	
3RD WEEK	TERM-II EXAMINATION	
4TH WEEK	RESULT WINTER VACATION	

11thGrade

BIOLOGY

January

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Revision	100%	Theory: 26 Practical: 8
1ST WEEK		Revision
2ND WEEK		Revision
3RD WEEK		Revision
4TH WEEK		Revision

11thGrade

BIOLOGY

February

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Full syllabus	100%	Theory:6 Practical: 2
1ST WEEK	Revision	
2ND WEEK	Final Examination	
3RD WEEK	Final Examination	
4TH WEEK	Final Examination	

SYLLABUS BREAKUP

**CLASS : XI
CHEMISTRY**

**Gobindgarh Public School
Mandi Gobindgarh**

11 Grade

CHEMISTRY

APRIL 2019

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Periodic classification of elements Chemical bonding	4	7
	5	8
1ST WEEK		
2ND WEEK		
3RD WEEK	Brief history of periodic table, periodic trends, atomic and ionic radii, ionization enthalpy, gain enthalpy, electronegativity, nomenclature of elements above atomic no 100	
4TH WEEK	Chemical bonding: types of bonds and bond characters, lewis structures, formal charge and VSEPR theory	

11th Grade

chemistry

May (19 Days)

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chemical bonding	5	5
1ST WEEK	Polar non polar compounds,VBT,resonance,hybridisation,MOT,dipole moment, hydrogen bonding	
2ND WEEK	Revision	
3RD WEEK	Evaluation -1	
4TH WEEK	Evaluation -1	
5TH WEEK	RESULT	

June (19) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ch-1 Basic concepts of chemistry	5	9
Ch-2 Atomic structure	6	10
2nd WEEK	Intoduction, laws of chemical combination	
3ND WEEK	Dalton atomic theory, atomic and molecular masses, empirical and molecular formula, ,stoichiometry and calculations percentage calculation	
4TH WEEK	Structure of atom,Bohr model in detail,dual nature de-broglies relationship	
5TH WEEK	Quantam numbers,shapes of orbitals,electronic configuration and its rules	

11th grade

Chemistry

July

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch-5 States of matter	6	9
Ch-6 Thermodynamics	5	10
1ST WEEK		
2ND WEEK	States of matter: gaseous state gas laws, ideal gas equation and its deviations, Liquid state: surface tension, viscosity, vapour pressure	
3RD WEEK	Solid state: types of solids, unit cell and its calculations, packings, and defects in solids	
4TH WEEK	Thermodynamics: complete first law with numericals Second and third law with reference to spontaneity and Gibbs free energy	

11th grade

Chemistry

August

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch-8 Redox reactions	3	
Ch-7 Equilibrium	6	4
Ch-14 Environmental Chemistry	3	14
		4
1ST WEEK	Redox reactions: oxidation and reduction concept and balancing	
2ND WEEK	Equilibrium: physical and chemical equilibrium, Le-chateliers principle	
3RD WEEK	Ionic equilibrium: concepts of acids and bases, Ionisations of acids and bases	
4TH WEEK	Environmental Chemistry: types of pollution, Strategies to reduce different types of pollution.	
5TH WEEK		

11th Grade

Chemistry

September

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch-9 Hydrogen	3	5
1ST WEEK	Hydrogen: position, occurrence, isotopes, preparations, physical and chemical properties, hydrogen peroxide	
2ND WEEK	2 nd evaluation examination	
3RD WEEK	2 nd evaluation examination	
4TH WEEK		

11th Grade

Chemistry

October

TOPICS / CHAPTERS S-block elements P- block elements	WEIGHTAGE 4 6	TEACHING PERIODS 7 8
1ST WEEK	S- block elements: group 1 elements, group 2 elements	
2ND WEEK	Preparation and studies of properties of Gp-1,2 elements	
3RD WEEK	P -block elements: group 13 and group 14 elements	
4TH WEEK	Group 15 elements : preparation and properties	

**11th grade
November**

Chemistry

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Basic concepts of organic chemistry	7	11
Hydrocarbons	6	14
1ST WEEK	General introduction, methods of purifications	
2ND WEEK	Electronic displacements homolytic and heterolytic cleavage of bonds, Nomenclature of aliphatic, aromatic and allicyclic compounds	
3RD WEEK	Hydrocarbons: introductions and preparations and properties of alkanes, Preparation and properties of alkenes	
4TH WEEK	Preparations and properties of alkynes and arenes, Directive influence of functional group, carcinogenicity and toxicity	

**11th grade
December**

Chemistry

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
1ST WEEK		Revisions
2ND WEEK		3 rd evaluation
3RD WEEK		3 rd evaluation
4TH WEEK		

**11th grade
January**

Chemistry

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
1ST WEEK		Revision
2ND WEEK		Revision
3RD WEEK		Revision
4TH WEEK		Revision

**11th grade
February**

Chemistry

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
1ST WEEK	Final exams and result	
2ND WEEK		
3RD WEEK		
4TH WEEK		

SYLLABUS BREAKUP

**CLASS : XI
PHYSICS**

**Gobindgarh Public School
Mandi Gobindgarh**

11thGrade

April

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Physical world and measurement	3	Theory: 25 Practical: 6
1ST WEEK		
2ND WEEK	Mass length and time measurement, Triangulation method, Parallax method	
3RD WEEK	system of units: fundamental and derived units, Types of system of units : CGS system ,MKS system	
4TH WEEK	Dimensional Formula, Applications of dimensional analysis: 3 applications,	
5 TH WEEK	Numerical based on applications, check correctness of relation	

11th Grade

May

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Physical world and measurement	3	Theory: 16 Practical: 4
1ST WEEK	Error analysis, propagation of errors, Numerical based on errors.	
2ND WEEK	Revision of Unit 1	
3RD WEEK	May Test - 1	
4TH WEEK	May Test - 2	
5TH WEEK	RESULT	

11th Grade

June

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Kinematics	10	Theory: 18
1ST WEEK	Kinematics: Motion in a straight line, Calculus method for equation of motion, relative velocity	
2ND WEEK	vectors and scalars, addition of vectors, numerical based on vectors	
3RD WEEK	Resolution of a vectors, angular displacement, angular velocity	
4TH WEEK	SUMMER VACATION	

11rd Grade

PHYSICS

July

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Laws of Motion Work energy and power	10 06	T(21), P(6)
1ST WEEK	VACATIONS	
2ND WEEK	Force and laws of motion, Newton's second law is the real law of motion	
3RD WEEK	static and kinetic friction, Laws of friction , rolling friction, centripetal force	
4TH WEEK	NCERT Numerical, Kinetic and potential energy	
5TH WEEK	Work done by a variable force, Potential energy of a	

August

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Work energy and power Motion of system of particles and rigid body Gravitation	06 06 05	Theory: 30 Practical:08
1ST WEEK	Conservative forces, conservation of mechanical energy vehicle on banked road, Progressive test in class	
2ND WEEK	impulse momentum theorem, torque, angular momentum, Radius of gyration, Theorem of perpendicular and parallel axes	
3RD WEEK	Universal law of gravitation, Acceleration due to gravity Orbital velocity of a satellite	
4TH WEEK	, Gravitational potential energy, Gravitational potential	
5TH WEEK	Gravity variation with altitude and depth, Escape velocity,	

11th Grade

PHYSICS

September

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
		Theory: 8
1ST WEEK		Term-1 Practical Exam
2ND WEEK		First Term Examination
3RD WEEK		First Term Examination
4TH WEEK		First Term Examination
5TH WEEK		Hooke's law, Young's Modulus . Bulk modulus,

11th Grade

October

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
properties of bulk matter Thermodynamics, kinetic theory of gases, Oscillations and waves	10 05 05	Theory: 16 Practical: 4
1ST WEEK	Archimedes Principle, Terminal velocity, Bernoulli's Theorem, Excess pressure inside a liquid drop	
2ND WEEK	soap bubble, Thermal expansion of solids First law of Thermodynamics	
3RD WEEK	, Heat Engines and refrigerators Degrees of freedom, Law of equipartition of energy,	
4TH WEEK	Application of specific heat capacities of gases	

11thGrade

November

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
RAY OPTICS	10	Theory: 22 Practical: 8
1ST WEEK	Transverse and longitudinal waves, progressive waves, Principle of superposition, Standing waves in strings and organ pipes	
2ND WEEK	Compound microscope, Astronomical telescope and its types, cassegrain and Newtonian telescope	
3RD WEEK	Reflection, Linear magnification, Refraction, laws of refraction, Prism formula, Scattering of light	
4TH WEEK	Revision	
5TH WEEK	Revision	

11thGrade

December

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
REVISION/EXAMINATION	10	Theory:10
1ST WEEK	Revision	
2ND WEEK	THIRD EVALUATION	
3RD WEEK	THIRD EVALUATION	
4TH WEEK	RESULT	
5TH WEEK	WINTER VACATION	

11thGrade

PHYSICS

January

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
		Theory: 20
1ST WEEK		Revision
2ND WEEK		Revision
3RD WEEK		Revision
4TH WEEK		Revision
5TH WEEK		Revision

11thGrade

PHYSICS

February

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Full syllabus	100%	Theory:16
1ST WEEK		Revision
2ND WEEK		Final Examination
3RD WEEK		Final Examination
4TH WEEK		Final Examination
5TH WEEK		Final Examination

SYLLABUS BREAKUP

**CLASS : XI
BIOLOGY**

**Gobindgarh Public School
Mandi Gobindgarh**

11thGrade

BIOLOGY

April

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 1: The living world, Chapter 2: Biological Classification	Unit 1: 10 (Chapter 1, 2, 3 & 4)	Theory: 14 Practical: 4
1ST WEEK	-----	
2ND WEEK	-----	
3RD WEEK	Characters of life, catabolism and anabolism, Identification, systematics, scientific naming	
4TH WEEK	Characters of Kingdom Monera, Protista, Fungi & Viruses.	

11th Grade

May

BIOLOGY

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 3: Plant Kingdom, Chapter 4: Animal Kingdom	Unit 1: 10 (Chapter 1,2,3&4)	Theory: 15 Practical: 4
1ST WEEK	Characters of 5 divisions of Plant Kingdom: Thallophyta, Bryophyta, Pteridophyta, Gymnosperms, Angiosperms.	
2ND WEEK	Characters of all phylum of kingdom animalia. Details of chordates.	
3RD WEEK	May Test - 1	
4TH WEEK	May Test - 2	
5TH WEEK	Introductory session of plant morphology	

11th Grade

June

BIOLOGY

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 5: Morphology of Flowering Plants Chapter 6: Anatomy of Flowering Plants Chapter 7 : Structural organization in animals	Unit 2: 17 (Chapter 5,6&7)	Theory: 19
1ST WEEK	Types of roots, stem, leaf and their modifications. Types of aestivation ,placentation,	
2ND WEEK	Types of tissues in Plants, secondary growth in plants. Internal structure of roots and stems.	
3RD WEEK	Types of animal tissues, cockroach anatomy in detail.	
4TH WEEK	SUMMER VACATION	

11th Grade

BIOLOGY

July

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 8: Cell: The unit of Life Chapter 9: Biomolecules Chapter 10: Cell cycle and cell division	Unit 3: 23 (Chapter 8,9&10)	Theory: 23 Practical: 6
1ST WEEK	Summer Vacation	
2ND WEEK	Cell structure and function, cell theory, cell organelles :structures and functions.	
3RD WEEK	Structural organization of carbohydrates, fats, proteins, Nucleic acids.	
4TH WEEK	Structure of DNA & RNA	
5TH WEEK	Cell cyle,Mitosis,Meiosis	

11th Grade

BIOLOGY

August

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 11: Transport in Plants. Chapter 12: Mineral Nutrition Chapter 13: Photosynthesis in Higher Plants.	Unit 4: 25 (Chapter 11 to 15)	Theory: 28 Practical: 08
1ST WEEK	Transport of water by xylem and food by phloem, Transpiration pull theory.	
2ND WEEK	Diffusion, osmosis, active transport, symplast and apoplast movements in plants	
3RD WEEK	Photosystem in plants, PS I, PS II	
4TH WEEK	Light reactions, dark reactions,	
5 TH WEEK	Z-scheme of transport of electrons in PS-I	

11th Grade

Biology

September

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 14: Respiration in Plants (after exams)	Unit 4: 25 (Chapter 11 to 15)	Theory: 6
1ST WEEK	Term-1 Practical Exam	
2ND WEEK	First Term Examination	
3RD WEEK	First Term Examination	
4TH WEEK	First Term Examination	
5TH WEEK	TCA Cycle, Glycolysis	

11thGrade

BIOLOGY

October

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 15: Plant growth and development Chapter 16: Digestion and absorption Chapter 17: Breathing and Exchange of gases Chapter 18: Body fluids and circulation	Unit 4: 25 (Chapter 11 to 15) Unit 5: 25 (Chapter - 16 to 22)	Theory: 21 Practical: 6
1ST WEEK	Hormonal system in Plants, Concept of vernalisation and photoperiod	
2ND WEEK	Human digestive system, digestive Glands and their functions.	
3RD WEEK	Human respiratory system, Breathing: Inhalation and exhalation	
4TH WEEK 5TH WEEK	Human circulatory system, Structure of Human Heart	

11thGrade

November

BIOLOGY

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chapter 19: Excretory products and their elimination Chapter 20: Locomotion and movement Chapter 21: Neural control and coordination Chapter 22: chemical control & integration (endocrinology).	Unit 5: 25 (Chapter-16to22)	Theory: 22 Practical: 6
1ST WEEK	Human excretory system :Parts, functions and disorders, Urine formation and Kidney transplant.	
2ND WEEK	Locomotion: structure of muscle tissue, sarcomere, SLIDING FILAMENT THEORY Human skeletal system, types of joints.	
3RD WEEK	Human nervous system, structure of human brain, CNS & PNS	
4TH WEEK	Chemical coordination & integration; hormonal system, exocrine glands, -ve feedback mechanism.	

11thGrade

BIOLOGY

December

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
REVISION/EXAMINATION	100	Theory:6
1ST WEEK	REVISION.	
2ND WEEK	TERM-II EXAMINATION	
3RD WEEK	TERM-II EXAMINATION	
4TH WEEK	RESULT WINTER VACATION	

11thGrade

BIOLOGY

January

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Revision	100%	Theory: 26 Practical: 8
1ST WEEK		Revision
2ND WEEK		Revision
3RD WEEK		Revision
4TH WEEK		Revision

11thGrade

BIOLOGY

February

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Full syllabus	100%	Theory:6 Practical: 2
1ST WEEK		Revision
2ND WEEK		Final Examination
3RD WEEK		Final Examination
4TH WEEK		Final Examination

SYLLABUS BREAKUP

**CLASS : XI
CHEMISTRY**

**Gobindgarh Public School
Mandi Gobindgarh**

11 Grade

CHEMISTRY

APRIL 2019

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Periodic classification of elements Chemical bonding	4	7
	5	8
1ST WEEK		
2ND WEEK		
3RD WEEK	Brief history of periodic table, periodic trends, atomic and ionic radii, ionization enthalpy, gain enthalpy, electronegativity, nomenclature of elements above atomic no 100	
4TH WEEK	Chemical bonding: types of bonds and bond characters, lewis structures, formal charge and VSEPR theory	

11th Grade

chemistry

May (19 Days)

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Chemical bonding	5	5
1ST WEEK	Polar non polar compounds,VBT,resonance,hybridisation,MOT,dipole moment, hydrogen bonding	
2ND WEEK	Revision	
3RD WEEK	Evaluation -1	
4TH WEEK	Evaluation -1	
5TH WEEK	RESULT	

June (19) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ch-1 Basic concepts of chemistry	5	9
Ch-2 Atomic structure	6	10
2nd WEEK	Intoduction, laws of chemical combination	
3ND WEEK	Dalton atomic theory, atomic and molecular masses, empirical and molecular formula, ,stoichiometry and calculations percentage calculation	
4TH WEEK	Structure of atom,Bohr model in detail,dual nature de-broglies relationship	
5TH WEEK	Quantam numbers,shapes of orbitals,electronic configuration and its rules	

11th grade

Chemistry

July

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch-5 States of matter	6	9
Ch-6 Thermodynamics	5	10
1ST WEEK		
2ND WEEK	States of matter: gaseous state gas laws, ideal gas equation and its deviations, Liquid state: surface tension, viscosity, vapour pressure	
3RD WEEK	Solid state: types of solids, unit cell and its calculations, packings, and defects in solids	
4TH WEEK	Thermodynamics: complete first law with numericals Second and third law with reference to spontaneity and Gibbs free energy	

11th grade

Chemistry

August

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch-8 Redox reactions	3	
Ch-7 Equilibrium	6	4
Ch-14 Environmental Chemistry	3	14
		4
1ST WEEK	Redox reactions: oxidation and reduction concept and balancing	
2ND WEEK	Equilibrium: physical and chemical equilibrium, Le-chateliers principle	
3RD WEEK	Ionic equilibrium: concepts of acids and bases, Ionisations of acids and bases	
4TH WEEK	Environmental Chemistry: types of pollution, Strategies to reduce different types of pollution.	
5TH WEEK		

11th Grade

Chemistry

September

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Ch-9 Hydrogen	3	5
1ST WEEK	Hydrogen: position, occurrence, isotopes, preparations, physical and chemical properties, hydrogen peroxide	
2ND WEEK	2 nd evaluation examination	
3RD WEEK	2 nd evaluation examination	
4TH WEEK		

11th Grade

Chemistry

October

TOPICS / CHAPTERS S-block elements P- block elements	WEIGHTAGE 4 6	TEACHING PERIODS 7 8
1ST WEEK	S- block elements: group 1 elements, group 2 elements	
2ND WEEK	Preparation and studies of properties of Gp-1,2 elements	
3RD WEEK	P -block elements: group 13 and group 14 elements	
4TH WEEK	Group 15 elements : preparation and properties	

**11th grade
November**

Chemistry

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Basic concepts of organic chemistry	7	11
Hydrocarbons	6	14
1ST WEEK	General introduction, methods of purifications	
2ND WEEK	Electronic displacements homolytic and heterolytic cleavage of bonds, Nomenclature of aliphatic, aromatic and allicyclic compounds	
3RD WEEK	Hydrocarbons: introductions and preparations and properties of alkanes, Preparation and properties of alkenes	
4TH WEEK	Preparations and properties of alkynes and arenes, Directive influence of functional group, carcinogenicity and toxicity	

**11th grade
December**

Chemistry

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
1ST WEEK		Revisions
2ND WEEK		3 rd evaluation
3RD WEEK		3 rd evaluation
4TH WEEK		

**11th grade
January**

Chemistry

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
1ST WEEK		Revision
2ND WEEK		Revision
3RD WEEK		Revision
4TH WEEK		Revision

**11th grade
February**

Chemistry

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
1ST WEEK	Final exams and result	
2ND WEEK		
3RD WEEK		
4TH WEEK		

SYLLABUS BREAKUP

**CLASS : XI
PHYSICS**

**Gobindgarh Public School
Mandi Gobindgarh**

11thGrade

April

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Physical world and measurement	3	Theory: 25 Practical: 6
1ST WEEK		
2ND WEEK	Mass length and time measurement, Triangulation method, Parallax method	
3RD WEEK	system of units: fundamental and derived units, Types of system of units : CGS system ,MKS system	
4TH WEEK	Dimensional Formula, Applications of dimensional analysis: 3 applications,	
5 TH WEEK	Numerical based on applications, check correctness of relation	

11th Grade

May

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Physical world and measurement	3	Theory: 16 Practical: 4
1ST WEEK	Error analysis, propagation of errors, Numerical based on errors.	
2ND WEEK	Revision of Unit 1	
3RD WEEK	May Test - 1	
4TH WEEK	May Test - 2	
5TH WEEK	RESULT	

11th Grade

June

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Kinematics	10	Theory: 18
1ST WEEK	Kinematics: Motion in a straight line, Calculus method for equation of motion, relative velocity	
2ND WEEK	vectors and scalars, addition of vectors, numerical based on vectors	
3RD WEEK	Resolution of a vectors, angular displacement, angular velocity	
4TH WEEK	SUMMER VACATION	

11rd Grade

PHYSICS

July

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Laws of Motion Work energy and power	10 06	T(21), P(6)
1ST WEEK	VACATIONS	
2ND WEEK	Force and laws of motion, Newton's second law is the real law of motion	
3RD WEEK	static and kinetic friction, Laws of friction , rolling friction, centripetal force	
4TH WEEK	NCERT Numerical, Kinetic and potential energy	
5TH WEEK	Work done by a variable force, Potential energy of a	

August

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Work energy and power Motion of system of particles and rigid body Gravitation	06 06 05	Theory: 30 Practical:08
1ST WEEK	Conservative forces, conservation of mechanical energy vehicle on banked road, Progressive test in class	
2ND WEEK	impulse momentum theorem, torque, angular momentum, Radius of gyration, Theorem of perpendicular and parallel axes	
3RD WEEK	Universal law of gravitation, Acceleration due to gravity Orbital velocity of a satellite	
4TH WEEK	, Gravitational potential energy, Gravitational potential	
5TH WEEK	Gravity variation with altitude and depth, Escape velocity,	

11th Grade

PHYSICS

September

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
		Theory: 8
1ST WEEK		Term-1 Practical Exam
2ND WEEK		First Term Examination
3RD WEEK		First Term Examination
4TH WEEK		First Term Examination
5TH WEEK		Hooke's law, Young's Modulus . Bulk modulus,

11th Grade

October

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
properties of bulk matter Thermodynamics, kinetic theory of gases, Oscillations and waves	10 05 05	Theory: 16 Practical: 4
1ST WEEK	Archimedes Principle, Terminal velocity, Bernoulli's Theorem, Excess pressure inside a liquid drop	
2ND WEEK	soap bubble, Thermal expansion of solids First law of Thermodynamics	
3RD WEEK	, Heat Engines and refrigerators Degrees of freedom, Law of equipartition of energy,	
4TH WEEK	Application of specific heat capacities of gases	

11thGrade

November

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
RAY OPTICS	10	Theory: 22 Practical: 8
1ST WEEK	Transverse and longitudinal waves, progressive waves, Principle of superposition, Standing waves in strings and organ pipes	
2ND WEEK	Compound microscope, Astronomical telescope and its types, cassegrain and Newtonian telescope	
3RD WEEK	Reflection, Linear magnification, Refraction, laws of refraction, Prism formula, Scattering of light	
4TH WEEK	Revision	
5 TH WEEK	Revision	

11thGrade

December

PHYSICS

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
REVISION/EXAMINATION	10	Theory:10
1ST WEEK	Revision	
2ND WEEK	THIRD EVALUATION	
3RD WEEK	THIRD EVALUATION	
4TH WEEK	RESULT	
5TH WEEK	WINTER VACATION	

11thGrade

PHYSICS

January

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
		Theory: 20
1ST WEEK		Revision
2ND WEEK		Revision
3RD WEEK		Revision
4TH WEEK		Revision
5TH WEEK		Revision

11thGrade

PHYSICS

February

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Full syllabus	100%	Theory:16
1ST WEEK		Revision
2ND WEEK		Final Examination
3RD WEEK		Final Examination
4TH WEEK		Final Examination
5TH WEEK		Final Examination

SYLLABUS BREAKUP

CLASS : XI (Voc. IT)

**Gobindgarh Public School
Mandi Gobindgarh**

XI

Voc. IT (802)

April (23) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ITDC-301 Computer fundamentals	Theory- 7 Practical -X	13 T-13
1ST WEEK	Sessions starts on 16 April 2018	
2ND WEEK		
3RD WEEK	Introduction to Vocational IT(802), Merits and demerits of Computers, Applications of Computer	
4TH WEEK	Generations of Computer, Classification of computer based on Working principle, Size and Capacity, Purpose	
5TH WEEK	Components of computers: Block Diagram of Computer, Working of CPU parts, Input Devices: Scanners, Keyboard , Mouse, Digitizer, Microphone	

XI

Voc. IT (802)

May (24) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ITDC-301 Computer fundamentals (Cont.)	Theory-7 Practical -X	17 T - 17
1ST WEEK	Output Devices: Monitor and its types, Printers and its types, Memory: Primary and Secondary	
2ND WEEK	Revision	
3RD WEEK	First Evaluation	
4TH WEEK	First Evaluation	
5TH WEEK	RESULT	

XI

Voc. IT (802)

June (18) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ITDC-302 Networking and Internet	T-7 P-X	15 T - 5, P-10
1ST WEEK	Summer Break	
2ND WEEK	Network safety concerns	
3RD WEEK	Network types, topologies and devices	
4TH WEEK	Network Security tools and services	
5TH WEEK	Summer Break	

XI

Voc. IT (802)

July (19) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ITDC-302 Networking and Internet (Cont.)	T-7 P-X	23 T- 10 P - 13
1ST WEEK	Summer Break	
2ND WEEK	Cyber security	
3RD WEEK	Cyber Security	
4TH WEEK	Safe practices on social networking	
5TH WEEK	Safe practices on social networking	

August (24) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
<p>ITDC-303 Office automation tools</p>	<p>Theory- 18 Practical -15</p>	<p>28 T- 14,P - 14</p>
<p>1ST WEEK</p>	<p>Spreadsheet: Introduction and features of Calc, operations on worksheet</p>	
<p>2ND WEEK</p>	<p>Spreadsheet: autofill features, formatting, find and replace , Formula and Functions</p>	
<p>3RD WEEK</p>	<p>Word processing: Introduction to various tabs, creating hyperlink, bullets and numbering, Spell checker</p>	
<p>4TH WEEK</p>	<p>Presentation: format tab, slide layouts, animation and transitions in slide</p>	
<p>5TH WEEK</p>	<p>Revision of Unit 1</p>	

XI

Voc. IT (802)

September (22) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Multimedia Design		10
1ST WEEK	Revision of Unit 2	
2ND WEEK	Second Evaluation	
3RD WEEK	Second Evaluation	
4TH WEEK	Second Evaluation	
5TH WEEK	Introduction to GIMP	

XI

Voc. IT (802)

October (15) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ITDC-304 Multimedia Design	Theory- 12 Practical - 10	26 T- 13,P - 13
1ST WEEK	Interface and Drawing tools in GIMP	
2ND WEEK	Applying Filters	
3RD WEEK	Creating and handling multiple layers	
4TH WEEK	Creating and handling multiple layers	
5TH WEEK	Using Stamping	

XI

Voc. IT (802)

November (25) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ITDC-304 Multimedia Design (Cont.)	Theory- 12 Practical - 10	21 T- 10,P - 11
1ST WEEK	Using Smudging tools	
2ND WEEK	Importing pictures	
3RD WEEK	Importing Pictures	
4TH WEEK	Revision	
5TH WEEK	Revision	

XI

Voc. IT (802)

December (19) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
		7
1ST WEEK	Revision	
2ND WEEK	Third Evaluation	
3RD WEEK	Third Evaluation	
4TH WEEK	answer sheets will be shown to the students and question paper will be discussed	
5TH WEEK	Winter Break	

XI

Voc. IT (802)

January (24) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
ITDC-305 Troubleshooting: Hardware, Software and Networking	Theory- 6 Practical - X	30 T- 15,P - 15
1ST WEEK	Commonly encountered problems	
2ND WEEK	Monitor: No display, KB/Mouse not responding, monitor giving beeps	
3RD WEEK	Printer not responding, check for virus	
4TH WEEK	Delete temporary files if system is slow, adjust mouse speed	
5TH WEEK	Discussions of doubts from whole syllabus(Revision)	

XI

Voc. IT (802)

February (23) Days

TOPICS / CHAPTERS	WEIGHTAGE	TEACHING PERIODS
Revision for final Evaluation	Theory- 50 Practical -50	16 T- 8,P - 8
1ST WEEK	Discussions of doubts from whole syllabus (Revision)	
2ND WEEK	Final Evaluation	
3RD WEEK	Final Evaluation	
4TH WEEK	Final Evaluation	