

**CLASS XII-ACCOUNTANCY**  
**SUB: SYALLABUS FOR THE SESSION 2017-18**  
**PRESCRIBED BOOKS: DOUBLE ENTRY BOOK KEEPING (T.S GREWAL)**

<b>MONTH</b>	<b>CHAPTER NUMBER</b>	<b>TOPIC</b>
March-April	Ch-1 Ch-2 Ch-3	Financial statements Financial statement analysis Tools of financial statement analysis (Comprehensive Project)
May	Ch-4 Ch-5	Accounting Ratio's Cash flow statement (Project- Cash Flow Statement) (Ratio Analysis Project)
July	Ch-1,2,3 Ch-4	Accounting for partnership-fundamentals Reconstitution of partnership-admission of a partner
August	Ch-5  Ch-6	Reconstitution of partnership Retirement, death of a partner Dissolution of a partnership firm
September	REVISION	
October	Ch-7  Ch-8	Accounting for share capital  Issue of debentures
November	Ch-9	Redemption of debentures
December	REVISION	
January	PRE-BOARDS	
February	REVISION	
March	EXAMINATION	

**CLASS XII-BUSINESS STUDIES**  
**SUB: SYALLABUS FOR THE SESSION 2017-18**  
**PRESCRIBED BOOKS: BUSINESS STUDIES (N.C.E.R.T)**

<b>MONTH</b>	<b>CHAPTER NUMBER</b>	<b>TOPIC</b>
March-April	Ch-1 Ch-2 Ch-3	Nature & significance of management Principles of management Business environment
May	Ch-3(Part-B)	Marketing management  (Project 1)
July	Ch-4 Ch-5 Ch-6	Planning Organizing Staffing
August	Ch-7 Ch-8	Directing Controlling
September	REVISION	
October	Ch-1(part B) Ch-2	Financial management Financial market  (Project 2)
November	Ch-4	Consumer Protection
December	REVISION	
January	PRE-BOARDS	
February	REVISION	
March	EXAMINATION	

**BASAVA INTERNATIONAL SCHOOL**  
**SYLLABUS (2017-18)**  
**SUBJECT: POLITICAL SCIENCE**  
**CLASS: XII**

MONTH	CHAPTER
April/May	THE COLD WAR ERA
	THE END OF BIPOLARITY
	U.S HEGEMONY IN WORLD POLITICS
	ALTERNATIVE CENTRES OF POWER
JULY	INTERNATIONAL ORGANIZATION
	CHALLENGES OF NATION BUILDING
	ERA OF ONE PARTY DOMINANCE
	POLITICS OF PLANNED DEVELOPMENT
	INDIA'S EXTERNAL RELATIONS
AUGUST	CHALLENGES TO AND RESTORATION OF THE CONGRESS SYSTEM
	THE CRISIS OF DEMOCRATIC ORDER
	SECURITY IN THE CONTEMPORARY WORLD
	REGIONAL ASPIRATION
SEPTEMBER	RISE OF POPULAR MOVEMENTS
OCTOBER	RECENT DEVELOPMENTS IN INDIAN POLITICS
	ENVIRONMENT AND NATURAL RESOURCES
	GLOBALISATION
	<b>REVISION</b>

**CLASS XII**

**SUBJECT: COMPUTER SCIENCE**

**SYLLABUS FOR THE SESSION 2017-2018**

**PRESCRIBED BOOKS: COMPUTER SCIENCE WITH C++**

**SUMITA ARORA**

MONTH	CHAPTER NO	NAME OF THE CHAPTER
MARCH	1	C++ Revision Tour

APRIL	2,3	Object Oriented Programming Function Overloading
MAY	4,5	Classes and Objects Constructors and Destructors
JULY	6,7	Inheritance : Extended Classes Data File Handling
AUGUST	8,9	Pointers Arrays
SEPTEMBER	10	Linked list, Stacks and Queues
OCTOBER	11,12	Database concepts Structured Query Language
November	13,14	Boolean Algebra Communication Technologies Revision

**BASAVA INTERNATIONAL SCHOOL**  
**SYLLABUS BREAK UP FOR CLASS XII**  
**SUBJECT: MATHEMATICS**  
**SESSION 2016-17**  
**COURSE BOOK: NCERT**

<b>Month</b>	<b>Chapter number</b>	<b>Name of the chapter</b>
April	Ch – 3 Ch- 4 Ch- 2	Matrices Determinants Inverse trigonometric functions
May	Ch- 5 Ch-6	Continuity and differentiability Application of derivatives
July	Ch- 6  Ch- 7	Application of derivatives(maxima and minima word problems) Integrals
August	Ch- 7 Ch- 8 Ch- 12	Integrals( miscellaneous) Application of integrals Linear programming
September		REVISION
October	Ch- 9 Ch- 10 Ch- 11	Differential equations Vector algebra Three dimensional geometry
November	Ch- 11 Ch- 13 Ch- 1	Three dimensional geometry(continued) Probability Relations and functions

**BASAVA INTERNATIONAL SCHOOL**

**Class - 12**

**Subject - Psychology**

**Session: 2017-2018**

<b>Term</b>	<b>Month</b>	<b>Units</b>	<b>Topics</b>	<b>Practicals and Activities</b>
Term - I (July - September)	April	I	Variations in Psychological Attributes	<b>Activity:</b> Introduction to Psychology in Practical record <b>Practical 1:</b> On Intelligence
	May	II	Self and Personality	<b>Practical:</b> Research methods in Psychology in Practical record <b>Practical 2:</b> On Self Concept
	June			<b>Case profile Project:</b> Exploring one psychological case and preparing on the topic for 5 marks project. Writing introduction to case study and its process as well as introduction to the topic selected.
	July	III	Meeting Life Challenges	<b>Practical 3:</b> On Personality <b>Case Profile project:</b> Reviewing of the introduction to case study and the topic selected.
	August	IV	Psychological Disorders	<b>Case Profile project:</b> Preparing the Case Study. (Demographic details, family history, symptoms, persisting factors, pre morbid personality of the client.)
	September	V	Therapeutic Approaches	<b>Revision (Unit I-V)</b>
Term II	October	VI	Attitude and Social Cognition	<b>Practical 4:</b> On Attitudes

(October - March)	November	VII	Social Influence and Group Processes	<b>Practical 5: On Adjustment Case Profile Project:</b> Selecting, conducting and reporting of any 2 tests on the client related to the case selected from the 5 conducted in practical's for diagnostic purpose.
	December	VIII	Psychology and Life	<b>Case Profile Project:</b> Review and Summary of the Case profile project. <b>Submission of practical record</b>
	January February	IX	Developing Psychological Skills	<b>Revision - All Units</b> <b>Pre boards - Theory and Practical</b>
	February March			<b>Revision - All Units</b>

**CLASS XII**  
**SUBJECT : INFORMATICS PRACTICES**  
**SYLLABUS FOR THE SESSION 2017-2018**  
**PRESCRIBED BOOKS : INFORMATICS PRACTICES**  
**CBSE**

MONTH	CHAPTER NO	NAME OF THE CHAPTER
MARCH		JAVA & SQL REVISION TOUR(XITH CLASS)
APRIL	1	JAVA & SQL REVISION TOUR(XITH CLASS) COMPUTER NETWORKING
MAY	2,3	OPEN SOURCE CONCEPTS GUI PROGRAMMING REVIEW
JULY	4,5	BASICS OF OBJECT ORIENTED PROGRAMMING ADVANCED PROGRAMMING CONCEPTS

AUGUST	6,7	DATABASE CONNECTIVITY WEB APPLICATION
SEPTEMBER	8,9	MYSQL REVISION TOUR, MORE ON DATABASES & SQL(FIRST HALF)
OCTOBER	9,10	MORE ON DATABASES & SQL(REMAINING HALF) ADVANCED RDBMS CONCEPTS
NOVEMBER	REVISION	

**BASAVA INTERNATIONAL SCHOOL**  
**SYLLABUS- PHYSICS**  
**CLASS: XII (2017-2018)**

S.No.	MONTH	UNIT	PRACTICAL
1	April	Electrostatics  Current Electricity	1. To determine resistance per cm of a given wire plotting a graph of potential difference vs current 2. To find resistance of a given wire using meter bridge and hence, determine the specific resistance of its material. 3. To verify the laws of combination of resistances using a metre bridge.
2	May	Magnetic effects of current and magnetism	4. To compare the e.m.f. of two given primary cells using a potentiometer. 5. To find out the internal resistance of a given primary cell using a potentiometer. <b>PROJECT WORK</b>
3	July	EMI AC,  Electromagnetic waves	6. To determine the resistance of a galvanometer by half deflection method and to find its figure of merit. 7. To convert the given galvanometer (of known resistance and figure of merit) into a voltmeter of desired range and to verify the same. 8. To find the value of $v$ for different values of $u$ in case of concave mirror and to find the focal length.
4	August	Ray Optics  Wave Optics	9. To find the R.I of water using concave mirror 10. To find the R.I of a given liquid by using convex lens 11. To find the focal length of a convex lens by plotting graphs between $u$ and $v$ or between $1/u$ and $1/v$
5	September	Dual nature of	12. To find the focal length of a convex mirror using

		matter and radiation	a convex lens
6	October	Electronic Devices Atoms and Nuclei Communication System	13. To determine the angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation. 14. To draw the I-V characteristics curve of a p-n junction in forward and reverse bias. 15. To study the characteristics of a common emitter n-p-n transistor and to find out the values of current and voltage gain
7	November and December	Revision	Activities of section A and B

CLASS - XII			
BIOLOGY,SESSION-2017-2018			
Month	Unit	Chapter name	Practicals
April – May	<b>VI. Sexual Reproduction</b>          <b>VII. Genetics and Evolution</b>	Pollination and fertilisation in flowering plants.  Development of seeds and fruits.  Human reproduction: Reproductive system in male and female, menstrual cycle.  Production of gametes, fertilisation, implantation, embryo development, pregnancy and parturition.  Reproductive health – birth control, contraception and sexually transmitted diseases.  Mendelian inheritance.  Chromosome theory of inheritance, deviations from Mendelian ratio (gene interaction- Incomplete dominance, co-dominance, complementary genes, multiple alleles).	Study of flowers adapted to pollination by different agencies (wind, insects).  Study of the reproductive parts of unisexual and bisexual flowers.  Study of pollen germination on a slide and pollen tube growth on the stigma.  Study of tissue sections of mammalian testis and ovary to identify stages of gamete development.  Study fruits and seeds of any common fruit (e.g. legume) at different stages of development.

		<p>Sex determination in human beings: XX, XY.</p> <p>Linkage and crossing over.</p>	
July	<b>VII. Genetics and Evolution</b>	<p>Inheritance pattern of haemophilia and blood groups in human beings.</p> <p>DNA: replication, transcription, translation.</p> <p>Gene expression and regulation.</p> <p>Genome and Human Genome Project.</p> <p>DNA fingerprinting.</p> <p>Evolution: Theories and evidences</p>	<p>Study mitosis in onion root tips and animal cells (grasshopper) and meiosis in onion buds and grasshopper testis (permanent slides).</p> <p>Stain tissue section for nucleic acids (aceto carmine stain).</p> <p>Study Mendelian inheritance using seeds of different colours/sizes of any plant. Prepare pedigree charts for genetic traits such as rolling of tongue, blood groups, widow's peak, colour blindness.</p> <p>Study analogous and homologous organs in various plants and animals</p>



September	<b>IX.</b> <i>Biotechnology and its Applications</i>	Genetically modified (GM) organisms; biosafety issues.  Insulin and Bt cotton.  <b>Revision for exams</b>	Stain tissue section for nucleic acids (aceto-carmin staining). Make a model of DNA. Observe  the quality and shelf life etc of fruits/seeds available in the market.
October	<b>X.</b> <i>Ecology and Environment</i>	Ecosystems: Components, types and energy flow.  Species, population and community.  Ecological adaptations.  Centres of diversity and conservation of biodiversity, National parks and sanctuaries.  Environmental issue	Collect soils from different sites and study them for texture, moisture content and pH. Correlate  with the kinds of plants found in them. Study plants and animals found in dry and aquatic  conditions. Collect water from any water bodies around you and study them for pH, clarity, and  presence of any living organisms. Study the amount of SPM (suspended particulate matter) in air  at two widely separated sites
November		Revision	
December		Revision	
January and February		Revision	.

**BASAVA INTERNATIONAL SCHOOL**  
**Syllabus (split-up) for session 2017-2018**  
**Subject- Chemistry**  
**Class- XII**

MONTH	UNIT/CHAPTER	TOPIC
April-May	7. 8. 1. 2.	<ul style="list-style-type: none"> <li>• p-Block elements</li> <li>• d- &amp; f-Block elements</li> <li>• The Solid State</li> <li>• Solutions</li> </ul>
June-July	3. 4.	<ul style="list-style-type: none"> <li>• Electrochemistry</li> <li>• Chemical Kinetics</li> </ul>
August	5. 9. 10.	<ul style="list-style-type: none"> <li>• Surface Chemistry</li> <li>• Co-ordination compounds</li> <li>• Haloalkanes and Haloarenes</li> </ul>
September	11. 12.	<ul style="list-style-type: none"> <li>• Alcohols ,phenols and ethers</li> <li>• Aldehydes, Ketones and carboxylic acids</li> </ul>

October	13. 14. 15.	<ul style="list-style-type: none"> <li>Organic compounds containing nitrogen</li> <li>Biomolecules</li> <li>Polymers</li> </ul>
November	6. 16.	<ul style="list-style-type: none"> <li>General Principles and processes of isolation of elements</li> <li>Chemistry in everyday life</li> </ul>

**BASAVA INTERNATIONAL SCHOOL**  
**Syllabus (split-up) for session 2017-2018**  
**Subject- Chemistry**  
**Class- XII**

MONTH	UNIT/CHAPTER	TOPIC
April-May	7. 8. 1. 2.	<ul style="list-style-type: none"> <li>p-Block elements</li> <li>d- &amp; f-Block elements</li> <li>The Solid State</li> <li>Solutions</li> </ul>
June-July	3. 4.	<ul style="list-style-type: none"> <li>Electrochemistry</li> <li>Chemical Kinetics</li> </ul>

August	5. 9. 10.	<ul style="list-style-type: none"> <li>• Surface Chemistry</li> <li>• Co-ordination compounds</li> <li>• Haloalkanes and Haloarenes</li> </ul>
September	11. 12.	<ul style="list-style-type: none"> <li>• Alcohols ,phenols and ethers</li> <li>• Aldehydes, Ketones and carboxylic acids</li> </ul>
October	13. 14. 15.	<ul style="list-style-type: none"> <li>• Organic compounds containing nitrogen</li> <li>• Biomolecules</li> <li>• Polymers</li> </ul>
November	6. 16.	<ul style="list-style-type: none"> <li>• General Principles and processes of isolation of elements</li> <li>• Chemistry in everyday life</li> </ul>

SPLIT UP SYLLABUS

ENGLISH

CLASS XII (2017 –2018)

TEXTBOOKS : FLAMINGO

VISTAS

The Invisible Man (Novel)

MONTH	Writing skill	LESSON / Writing Skills
APRIL	<p>Letter Writing :</p> <p>Making enquiries</p> <p>Letter to Editor</p>	<p>1. The Last Lesson</p> <p>2. Lost Spring</p> <p>1. My Mother at Sixty –six (Poem)</p> <p>2.An Elementary School Classroom in a Slum (Poem)</p>
MAY	<p>Placing Orders</p> <p>Sending Replies</p> <p>Note Making</p>	<p>2. The Tiger King (V)</p> <p>3. Keeping Quiet (Poem)</p> <p>The Invisible Man</p> <p>Chapter 1-9</p>

JULY	<p>Notice</p> <p>Advertisement Draft / design Posters</p>	<p>3. Deep Water</p> <p>3. The Rattrap</p> <p>4. A Thing of Beauty (Poem)</p>
AUGUST	<p>Job Application Invites / Replies</p>	<p>4. Indigo</p> <p>5. Should Wizard Hit Mommy (V)</p> <p>Report Writing</p>
SEPTEMBER	<p>Asking for /giving information</p>	<p>6. Aunt Jennifer's Tigers (Poem)</p>
OCTOBER	<p>Article /Speech writing</p>	<p>4. The Enemy (V)</p> <p>8. Memories of Childhood (V)</p>
NOVEMBER		<p>6. On the Face of It (V)</p> <p>8. Going Places</p> <p>7. Evans Tries an O Level (V)</p>
DECEMBER	<p>Comprehension practice</p>	<p>The Invisible Man (Chapter 10 -18)</p>

SECTION A (30)

1. 2. Any two of the following (600 to 700 words)

Factual

Descriptive

Literary (Poem 28-35 lines)

3 Note making

SECTION B (30)

4. Advt , Notice, poster, formal/informal invites & replies

5. Letter

6.

7. Article Debate Speech

SECTION C (40)

8. VSAQ Poetry extract

9. SAQ

10. LAQ key message and values

11. LAQ analysis & extrapolation

Novel

12. LAQ theme plot incident

13. LAQ analysis & interpretation of ch. sketch

**BASAVA INTERNATIONAL SCHOOL**  
**SYLLABUS-ECONOMICS**  
**CLASS-XII (2017-2018)**

**MACRO ECONOMICS**

S. NO.	MONTH	UNIT	TOPIC
1.	APRIL	UNIT-6	NATIONAL INCOME
2.	MAY	UNIT-6	NATIONAL INCOME(Contd.)
3.	JULY	UNIT-7	DETERMINATION OF INCOME AND EMPLOYMENT
4.	AUGUST	UNIT-8	DETERMINATION OF INCOME AND EMPLOYMENT
5.	SEPTEMBER	UNIT-8	MONEY AND BANKING
6.	OCTOBER	UNIT-9	GOVERNMENT BUDGET AND THE ECONOMY
7.	NOVEMBER	UNIT-10	BALANCE OF PAYMENTS
8.	DECEMBER		PREBOARD EXAMINATION
9.	JANUARY		REVISION
10.	FEBRUARY		REVISION
11.	MARCH		FINAL BOARD EXAMINATION

**BASAVA INTERNATIONAL SCHOOL**  
**SYLLABUS-ECONOMICS**  
**CLASS-XII (2017-2018)**

**MICRO ECONOMICS**

S. NO.	MONTH	UNIT	TOPIC
1.	APRIL	UNIT -1  UNIT-2	INTRODUCTORY CONCEPTS  CONSUMER'S EQUILIBRIUM AND DEMAND: (CONSUMER'S EQUILIBRIUM)
2.	MAY	UNIT-2	CONSUMER,S EQUILIBRIUM AND DEMAND: (DEMAND AND ITS ELASTICITY)
3.	JULY	UNIT-3	PRODUCER BEHAVIOUR AND SUPPLY: (PRODUCTION FUNCTION SUPPLY AND ITS ELASTICITY)
4.	AUGUST	UNIT-3	COST
5.	SEPTEMBER	UNIT-3	REVENUE
6.	OCTOBER	UNIT-4	MARKETS
7.	NOVEMBER	UNIT-4	MARKET'S EQUILIBRIUM
8.	DECEMBER		PREBOARD EXAMINATION
9.	JANUARY		REVISION
10.	FEBRUARY		REVISION
11.	MARCH		FINAL BOARD EXAMINATION

BASAVA INTERNATIONAL SCHOOL

PHYSICAL EDUCATION

SYLLABUS BREAKUP

SESSION: 2017-18

CLASS: XII

S.no	MONTHS	CHAPTERS	TOPICS TO BE COVERED
1	April	Ch-1	Physical fitness and wellness
2	May	Ch-2	Planning in sports
3	July	Ch-3	Sports Environment
4	August	Ch-4	Postures
5	September	Ch-5	Yoga
6	October	Ch-6	Sports and Nutrition
7	November	Ch-7	Training Methods Preparation for practical
8	December	Ch-7	Training Methods Preparation for practical
9	January	Ch-8	Psychological Aspects of Physical Education Preparation for practical
10	February		Revisions

**Syllabus Breakup ( Session 2017-18 )**  
**Visual Art**  
**Class -XII**

Month	Topic	Medium
<b>April - May</b>	<b>INTRODUCTION</b> Nature of light, Light & shade, Value scale,	Shading pencils( 2B,4B,6B,8B), Charcoal pencil Charcoal stick Black pen .
	<b>DRAPERY STUDY</b> in grayscale and color	
	<b>STILL LIFE WITH DRAPERY</b> Studying light and shade of two or three geometrical and non geometrical objects with drapery for background in grayscale	
<b>July</b>	<b>STILL LIFE WITH DRAPERY</b> Studying light and shade of two or three geometrical and non geometrical objects with drapery for background in color	Acrylic Colors, Water Colors
<b>August</b>	<b>STILL LIFE WITH DRAPERY</b> Studying light and shade of two or three geometrical and non geometrical objects with drapery for background in color	Shading pencils( 2B,4B,6B,8B), Black pen Water colours
<b>September</b>	<b>PAINTING COMPOSITION</b> Studying buildings and streets	Shading pencils( 2B,4B,6B,8B), Charcoal pencil Charcoal stick Acrylic color