

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

MONTH	CHAPTER NUMBER	TOPIC	ACTIVITIES
April-May	Ch-1	Nature and purpose of business	Students will identify a business and will frame the basic factors which they will think before commencing that business
	Ch-2	Forms of business organization	Divide students into teams to study the profile of any five-neighborhood grocery store.
July	Ch-3	Public, private and global enterprises	Collect information on companies in the public sector, which have been selected for disinvestments in the last 2-3yrs.also examine the controversies surrounding these decisions
	Ch-4	Business services	
August	Ch-5	Emerging modes of business	Compare and contrast the products and their prices available on the internet and in retail shops. Is the quality, customer satisfaction and other factors the same?
	Ch-6	Social responsibilities of business and business ethics	
September	REVISION		
October	Ch-7	Formation of a company	Prepare a comparative chart on all the sources of finance.
	Ch-8	Sources of business finance	Search about any business idea and preapare a mock start up for the same.
November	Ch-9	Small business	Take any three small scale industries and review how they started their business in the four walls of their house and now they are trading in the whole country even beyond that.
December	Ch-10	Internal trade	What similarities and differences can identify in terms of price , service, variety etc when a same product is sold in a big departmental store and in a small scale retailer
January	Ch-11 Project work	International business	Prepare a report on companies trading in international business. Take any three companies and see their competitors ,what is their TRP to stand in international business .
February	REVISION		
March	EXAMINATION		

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

MONTH	TOPIC	ACTIVITIES
April	Introduction to accounting Basic accounting terms Accounting equation	Record any 10 financial transactions done by you in the form of an accounting equation.
May	Theory base of accounting Rules of debit & credit Journal Ledger Trial balance	Comprehensive story given to the students. Students will make journal, ledger and trail balance of the same.
July	Cash book Other books B.R.S	Prepare Cash book gathering information from your parents. Reconcile the Cash book prepared with the pass book(Make a BRS)
August	Depreciation Accounting for bills of exchange Rectification of errors	Identify the errors in the comprehensive project of other groups.
September	Project work Revision	
October	Financial statements of sole proprietorship	Extract final accounts of your comprehensive story.
November	Financial statements of not for profit organizations	Identify various NPO in your surroundings and find out the accounting system followed.
December	Accounting for incomplete records Computers in accounting	Introduction to tally done in class. Students will create a company and pass entries for the same.
January	Project work	
February	Revision	
March	Examination	

SYLLABUS

SUBJECT: POLITICAL SCIENCE (2017-18)

CLASS: XI

SNO	MONTH	CHAPTER
	April/May	POLITICAL THEORY
		FREEDOM
		EQUALITY
		SOCIAL JUSTICE
	july	RIGHTS
		CONSTITUTION WHY AND HOW?
		ELECTION AND REPRESENTATION
		EXECUTIVE
	August	CITIZENSHIP
		NATIONALISM
		LEGISLATURE
		JUDICIARY
	September	SECULARISM
		PEACE
		FEDERALISM
	October	DEVELOPMENT
		LOCAL GOVERNMENT
	November	CONSTITUTION AS A LIVING DOCUMENT
	December	THE PHILOSOPHY OF THE CONSTITUTION
	Jan/ Feb	REVISION

CLASS XI

SUBJECT: COMPUTER SCIENCE

SYLLABUS FOR THE SESSION 2017-2018

PRESCRIBED BOOKS: COMPUTER SCIENCE WITH C++

SUMITA ARORA

MONTH	CHAPTER NO	NAME OF THE CHAPTER
APRIL	1	COMPUTER OVERVIEW
MAY	2	SOFTWARE CONCEPTS
JULY	3,4	DATA REPRESENTATION MICROPROCESSOR BASICS AND MEMORY CONCEPTS
AUGUST	5,6	GENERAL OOP CONCEPTS GETTING STARTED WITH C++
SEPTEMBER	7,8	DATA HANDLING OPERATORS & EXPRESSIONS IN C++
OCTOBER	9,10	C++ AS PER LATEST C++11 STANDARD FLOW OF CONTROL
NOVEMBER	11,12	FUNCTIONS

		STRUCTURED DATA TYPE :ARRAY
DECEMBER	13	STRUCTURES
JANUARY	14	PROGRAMMING METHODOLOGY
FEBRUARY	REVISION	

BASAVA INTERNATIONAL SCHOOL
SYLLABUS BREAK UP FOR CLASS XI
SUBJECT: MATHEMATICS
SESSION 2017-18
COURSE BOOK: NCERT

Month	Chapter number	Name of the chapter
April	Ch- 3	Trigonometric functions
May	Ch - 5	Complex numbers and quadratic equations
July	Ch – 1	Sets
	Ch- 2	Relations and functions
August	Ch-4	Principle of mathematical induction
	Ch-6	Linear inequalities
September		REVISION
October	Ch-7	Permutations and combinations

	Ch-8	Binomial theorem
November	Ch-10	Straight lines
	Ch- 11	Conic sections
	Ch-12	Introduction to three dimensional geometry
December	Ch- 13	Limits and derivatives
	Ch -9	Sequences and series
January	Ch- 16	Probability
	Ch- 15	Statistics
	Ch- 14	Mathematical Reasoning
February		REVISION

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Class - 11

Subject - Psychology

Session: 2017-2018

Term	Month	Units	Topics	Practical's and Activities
Term - I (July - September)	April	I	What is Psychology?	Practical: Introduction to Psychology
	May	II	Methods of Enquiry in Psychology	Practical: Introduction to research methods
	June			Activity: Vacation assignment on 5 movies and 5 books based on psychology. The student will have to present a review on one movie and one book in the months of December & February.
	July	III	Bases of Human Behaviour	Activity: Structure of Brain

	August	IV	Human Development	Activity: Developmental milestones of a child
	September	V	Sensory, Attentional & Perceptual Processes	Revision (Unit I-V)
Term II (October - March)	October	VI	Learning	Practical: On Learning
	November	VII	Human Memory	Practical: On Memory
	December	VIII	Thinking	Activity: Movie review presentation with application to Psychology
	January February	IX	Motivation & Emotion	Activity: Book review presentation with application to Psychology Submission of Practical Record
	February March			Revision - All Units

CLASS XI
SUBJECT : INFORMATICS PRACTICES
SYLLABUS FOR THE SESSION 2017-18
PRESCRIBED BOOKS : INFORMATICS PRACTICES
(CBSE BOOK)

MONTH	Chapter	Chapter Name
April	1 8	Hardware Concepts Introduction to MYSQL
May	9 10	MYSQL Functions in MYSQL
July	4 5	Getting Started with IDE Programming Programming Fundamentals
August	5 6	Programming Fundamentals Control Structures
September	6	Control Structures
October	6	Control Structures
November	6	Control Structures
December	2 3	Software Concepts & Productivity tools Information Security and Social Networking

	7	Programming Guidelines
January	REVISION	
February	Programming in Netbean JAVA and MYSQL Commands and Functions	

CLASS - XI			
BIOLOGY, SESSION: 2017-2018			
Month	Unit	Chapter name	Practicals
July	I Diversity in the living world	1. Living World 2 Biological classification 3 Plant kingdom 4 Animal kingdom	<ul style="list-style-type: none"> Study the large variation of living organisms in the neighbourhood, note their behaviour, characteristics, and categorize them into groups based on some common features. Study preserved specimens, at least one representative of each group, to understand correlations between the characteristics of organisms and their systematic position. Learn how to collect, press, dry and prepare plant specimens with labels (common and weedy species) for the herbarium/museum.
August	II Structural organization in plants and animals	5. Morphology of flowering plants 6. Anatomy of flowering plants 7. Structural organization in Animals	<ul style="list-style-type: none"> Study different types of tissues in plants and animals Prepare and study transverse section of roots and stems to identify different tissues. Study of locally available plants and animals for their external morphology. Description of three common flowering plants in semi-technical terms (Solanaceae, Fabaceae and Liliaceae) and try

			<p>to group them based on flower characteristics.</p> <ul style="list-style-type: none"> • Study the anatomy of roots, stems (through hand sections) and leaves (through permanent slides). • Study of one vertebrate and one invertebrate for their morphology and internal organisation (through charts and models).
September		Revision	
October	III Cell	<p>8. Cell : The unit of life</p> <p>9. Biomolecules</p> <p>10. Cell cycle and cell division</p>	<ul style="list-style-type: none"> • Observe suitable animal and plant cells (sections and smears) to highlight similarities and differences. • Study of mitosis in onion root tip and animal cells (permanent slides).
November	IV Plant physiology	<p>11. Transport in plants</p> <p>12. Mineral nutrition</p> <p>13. Photosynthesis in Higher plants</p> <p>14. Respiration in plants</p> <p>15. Plant growth and development</p>	<ul style="list-style-type: none"> • Demonstrate requirement of chlorophyll and light for photosynthesis. • Separate plant pigments using paper chromatography. • Study rate of respiration in different plant materials. Demonstrate anaerobic respiration.
December	V Animal physiology	<p>16. Digestive system</p> <p>17. respiratory system</p> <p>18. circulatory system</p> <p>19. Excretory products and their elimination</p>	<ul style="list-style-type: none"> • Study transpiration in plants using Cobalt Chloride method. • Study imbibition of water by raisins

January	V Animal physiology	20. movement and locomotion 21. nervous system 22. control and coordination	<ul style="list-style-type: none"> Study the presence of carbohydrates, fats and proteins in the food samples .
February		Revision	

BASAVA INTERNATIONAL SCHOOL
SPLIT UP SYLLABUS FOR CLASS XI (2017-18)
SUBJECT- ENGLISH

TEXTBOOKS : HORNBILL

SNAPSHOTS

The Canterville Ghost (Novel)

MONTH	Days	Writing skill	LESSON
APRIL-MAY	20 +15	Notice Job Application Advertisement	H1. The Portrait of a Lady S1.The Summer of the Beautiful White Horse The Canterville Ghost -- Oscar Wilde (Intro.)
JULY	24	Article Speech Narrative	P1.The Photograph H2. We're Not Afraid to Die S2. The Address
AUGUST	23	Letter to Editor Debate	H3. Discovering Tut P2.The Voice of the Rain S3.Ranga's Marriage
SEPTEMBER	21		Revision

OCTOBER	19	Poster	H4.The Ailing Planet
NOVEMBER	24	Business or official letters (making enquiries, registering complaints, asking for and giving information, placing orders and sending replies)	S4. Albert Einstein at School S5.Mother's Day
DECEMBER	21	Letter to the school or colleges authorities, regarding admissions, school issues, requirements / suitability of courses	P3.Childhood H5.The Browning version S6.Birth P4.Father to Son
JANUARY	14	Report writing The Canterville Ghost	6.The Tale of Melon City Report writing
FEBRUARY	21	Revision	

SECTION A (20)

VSA and MCQ

1. 2. Any two of the following (450 to 500 words)

Factual

Discursive

Literary (Poem 28-35 lines)

3 Note making

SECTION B (30)

4. Advt , Notice, poster

5. Letters – Business or official(4 types)

Letter to Editor

Application for job with a resume

Letter to school/college authorities

6.

7. Article / Speech / Report writing / narrative

GRAMMAR Gap filling, sentence reordering, dialogue completion, sentence transformation

SECTION D (30)

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

ASL (20)

BASAVA INTERNATIONAL SCHOOL
SYLLABUS-INDIAN ECONOMIC DEVELOPMENT
CLASS-XI (2017-2018)

S. NO.	MONTH		C H. N	TOPIC		<u>PROJECT TOPICS IN ECONOMICS</u>
	S. NO.	MONTH		UNIT	TOPIC	
1.	APRIL		1	Indian economy on the eve of independence		<u>PROJECT-1</u>
			2	Five year plans in India: Goals and achievements		
2.	MAY		3	Features ,problems and policies of agriculture		
3.	JULY		4	Strategy of industrial growth(1947-1990)		
			5	India's foreign trade		
4.	AUGUST		6	Economic reforms since 1991		<u>PROJECT-2</u> Urbanization a problem to food production and agricultural development.
			7	Poverty		
5.	SEPTEMBER		8	Human capital formation		
6.	OCTOBER		9	Rural development		
			10	Employment and unemployment		
7.	NOVEMBER		11	Inflation:problems and sustainable development		<u>PROJECT-3</u> An enquiry into the family budget of working class families
			12	Infrastructure		
8.	DECEMBER		13	Environment and sustainable development		
9.	JANUARY		14	Development experience of India ,Pakistan and china-a comparative study OTBA discussion		
10.	FEBRUARY			Revision		
						<u>PROJECT-4</u> Collect news paper cuttings related to the World Bank, International Monetary Fund, World Trade Organization, G7,G8,G10 countries, European Union etc.,. Discuss the views shared by the developed and developing countries on farm subsidies.
						<u>PROJECT-5</u> Prepare a list of: 1. Nationalised banks in India 2. Private banks in India 3. International banks with branches in India 4. Commercial banks (public and private sector) in India 5. Scheduled banks 6. Investment banks in India 7. Stock exchanges in India

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SYLLABUS-STATISTICS
CLASS-XI (2017-2018)

1.	APRIL	UNIT-1	INDRODUCTORY CONCEPTS
2.	MAY	UNIT-2	COLLECTION ,ORGANISATION AND PRESENTATION OF DATA: (COLLECTION OF DATA)
3.	JULY	UNIT-2	COLLECTION ,ORGANISATION AND PRESENTATION OF DATA : (COLLECTION OF DATA(contd.) ,ORGANISATION OF DATA) PROJECT-COLLECT DATA ON DIFFERENT TOPICS AND FIND CORRELATION STANDARD DEVIATION AND VARIATION
4.	AUGUST	UNIT-2	COLLECTION ,ORGANISATION AND PRESENTATION OF DATA : (TABULAR PRESENTATION OF DATA AND DIAGRAMMATIC PRESENTATION OF DATA)
5.	SEPTEMBER	UNIT-3	MEASURES OF CENTRAL TENDENCY: (MEAN)
6.	OCTOBER	UNIT-3	MEASURES OF CENTRAL TENDENCY: (MEDIAN AND MODE)
7.	NOVEMBER	UNIT-3	MEASURES OF DISPERSION: (RANGE AND QUARTILE DEVIATION)
8.	DECEMBER	UNIT-3	MEASURES OF DISPERSION: (MEAN DEVIATION AND STANDARD DEVIATION)
9.	JANUARY	UNIT-3	MEASURES OF CORRELATION
10.	FEBRUARY	UNIT-3	INDEX NUMBERS AND REVISION

BASAVA INTERNATIONAL SCHOOL
SYLLABUS- PHYSICS
CLASS: XI (2017-18)

1	April	Physical world and measurement	Use of vernier callipers (1) to measure diameter of a small spherical/cylindrical body 2) to measure dimensions of a given regular body of known mass and hence find its density 3) to measure internal diameter and depth of a given beaker/calorimeter
2	May	Kinematics	Use of screw gauge (4) to measure diameter of a given wire 5) to measure thickness of a given sheet
3	July	Laws of Motion Work, Energy, and Power	6) to find the weight of a given body using parallelogram law of vectors 7) to study the relationship between force of limiting friction and normal reaction and to find coefficient of friction between a block and a horizontal surface
4	August	Motion of System of Particles and Rigid Body Gravitation	8) using a simple pendulum plot $L-T^2$ graph. Hence find the value of acceleration due to gravity at a place 9) to find the force constant of a helical spring by plotting graph between load and extension
5	September	Properties of Bulk Matter	10) to determine Young's modulus of elasticity of a material of a given wire
6	October	Properties of Bulk Matter	11) To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given body
7	November	Thermodynamics Behaviour of Perfect Gas Kinetic theory of Gases	12) To study the relationship between the temperature of a hot body and time by plotting a cooling curve 13) To determine the surface tension of water by capillary rise method
8	December	Oscillation and waves	14) (a) To study the relation between frequency and length of a given wire under constant tension using sonometer (b) To study the relation between the length of a given wire and tension for constant frequency using sonometer
9	January	Waves (Cont...)	15) To find the speed of sound in air at room temperature using a resonance tube by two resonance positions
10	February	Revision	

BASAVA INTERNATIONAL SCHOOL
Syllabus (split-up) for session 2017-18
Subject- Chemistry
Class- XI

MONTH	UNIT/CHAPTER NO.	TOPIC
April-May	1.	Some basic concepts of Chemistry
July	2.	Structure of atom
	3.	Classification of elements and periodicity in properties
August	5.	States of matter
	4.	Chemical bonding and molecular structure
September	8.	Redox reactions
October	6	Thermodynamics
	7.	Equilibrium
November	9.	Hydrogen

	10.	s- block elements
	11.	p-Block elements
December	12.	Organic chemistry- Some basic principles and techniques
January	13.	Hydrocarbons
	14.	Environmental chemistry
February	REVISION	

BASAVA INTERNATIONAL SCHOOL

PHYSICAL EDUCATION

SYLLABUS BREAKUP

SESSION: 2017-18

CLASS: XI

S.no	MONTHS	CHAPTERS	TOPICS TO BE COVERED
1	April	Ch-1	Concept of Physical Education
2	May	Ch-2	Career Aspects in Physical Education
3	July	Ch-3	Health Concepts of Physical Education

4	August	Ch-4	Olympic Movement
5	September	Ch-5	Sociological Aspects of Physical Education
6	October	Ch-6	Measurement in Sports
7	November	Ch-7	Physiological Aspects of Physical Education Preparation for practical
8	December	Ch-8	Changing trends in Physical Education Preparation for practical
9	January	Ch-8	Changing trends in Physical Education Preparation for practical
10	February		Revisions

Syllabus Breakup (Session 2017-18)

Visual Art

Class -XI

Month	Topic	Medium
April - May	INTRODUCTION Elements of art, Light & shade, Value scale,	Shading pencils(2B,4B,6B,8B), Charcoal pencil Charcoal stick Black pen .
	PROPORTIONS: TAKING THE MEASURE OF THINGS SIGHTING • FINDING THE MIDPOINT • USING PLUMB AND LEVEL • LOOKING FOR COMPARATIVE MEASUREMENTS • FORESHORTENING • INTENSIFYING PROPORTIONS	
	STILL LIFE Studying light and shade of basic geometrical objects like cube, cone, sphere, cylinder etc. in grayscale	
July	STILL LIFE Studying light and shade of Natural forms like fruits, flowers, vegetables etc. in grayscale	Shading pencils(2B,4B,6B,8B), Charcoal pencil Charcoal stick Black pen, Acrylic Colors, Water Colors
	COLOUR THEORY Making color wheel to understand idea of Primary Colors, Secondary Colors, Tertiary Colors, Warm & Cool Colors, Analogous Color, Complementary Color, Hue, Chroma, Value, Tint, Shade etc.	
August	PERSPECTIVE One point perspective, Two point perspective, Aerial perspective	Shading pencils(2B,4B,6B,8B), Black pen Water colours