

FIRST TERM SYLLABUS OF ECONOMICS FOR CLASS XI	
28 April – 12 May	Chapter 1- Introduction to statistics (S)
3 July-15 July	Chapter 1- India under British rule
16 July-31 July	Chapter 2- Collection of data(S) Chapter 3 – Presentation of data (S) Chapter 2- Developmental Planning
1 Aug-15 Aug	Chapter 3- New Economic Reforms Chapter 4 - Measures of central tendency (mean) (S)
16 Aug-4 Sept 2017	Chapter 4- Poverty

BUSINESS STUDIES

TERM I SYLLABUS

1 April-12 May 2017	Ch.1 Nature & Purpose of Business
3 July-15 July 2017	Ch2 Forms of Business Organisation
16 July-31 July 2017	Ch3 Public, Private and Global Enterprises
1 Aug.-16 Aug 2017	Ch4 Business Services
17 Aug.-31 Aug 2017	Ch6 Social Responsibility of Business and Business Ethics
1 Sept. -10 Sept 2017	Revision

FIRST TERMINAL SYLLABUS OF ACCOUNTANCY FOR CLASS 11-C	
28 th April -18 May	Fundamentals of Accounting, Basic terms , Theory Base of Accounting and IFRS
3 July-15 July	Accounting Equations and Journal
16 July-31 July	Special Journal, Ledger and Trial Balance, Cashbook
1 Aug-15 Aug	Subsidiary Books, Bank Reconciliation Statements
16 Aug-4 Sept 2017	Financial Statements without Adjustments

SOCIOLOGY SYLLABUS

28th April - 1st May	Book 1 Ch.1 - Society, Sociology & Relationship to other Social Sciences	Complete
3rd July - 15th July	Book 1 Ch.2 - Basic Concepts	Complete
15th July - 31st July	Book 1 Ch.3 - Social Institutions	Complete
1st Aug - 15th Aug	Book 1 Ch.4 - Culture & Society	Complete
15th Aug - 4th Sept. 2017	Book 1 Ch.5 - Practical Sociology : Methods & Techniques	Complete Starting with individual research file discussions

ENGLISH SYLLABUS

Term I

28th April-12th May

Letter to the English teacher

The Portrait of a Lady

The Photograph

Summer of the beautiful white horse

Notice

1-15th July

The Address

Discovering Tut

Poster

Notemaking

16-31st July

Voice of the Rain

We're not afraid to die

Article writing

1-14th August

Letter to the Editor

Ranga's marriage

Reading Comprehension

16-31st August

Albert Einstein at school

The Canterville Ghost (complete novel)

Notemaking

1-10th September

Writing skills – revision

Grammar Practice

Literature revision

Class-XI, Chemistry Syllabus, 2017-18

Date	THEORY	PRACTICAL
1-12 May	Unit-1 : Some basic concepts of Chemistry Unit- 14 : Environmental Chemistry	Introduction of anion analysis
1-15 July	Unit-2 : Structure of Atom	Anion analysis
16-31 July	Unit-3 : Classification of elements and Periodicity in properties Unit-4 : Chemical Bonding and Molecular Structure	Acid-Base titration
1-15 Aug	Unit-4 : Continued	Anion analysis and introduction to cation analysis
16-31 Aug	Unit-5 : States of Matter	Cation analysis

Holiday Homework – Assignment on Unit- 14

HISTORY SYLLABUS/ CLASS 11/ 2017-18

28 TH APRIL- 12 TH MAY	-	CH 1	FROM THE BEGINNING OF TIME
3 RD JULY- 18 TH JULY	-	CH 2	WRITING AND CITY LIFE
18 TH JULY- 5 TH AUG	-	CH 3	AN EMPIRE ACROSS THREE CONTINENTS
5 TH AUG- 20 TH AUG	-	CH 4	THE CENTRAL ISLAMIC LANDS
20 TH AUG -5 TH SEPT	-	CH6	THE THREE ORDERS

PROJECT WORK: NOMADIC EMPIRES (CH 5)

CLASS XI-PHYSICS 2017-18

28 APRIL'17-11 MAY'17

Chapter–2: Units and Measurements

Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. Length, mass and time measurements; accuracy and precision of measuring instruments; errors in measurement; significant figures.

Dimensions of physical quantities, dimensional analysis and its applications.

Calculus- applications in Physics

3 JULY-15 JULY'17

Unit II: Kinematics

Chapter–3: Motion in a Straight Line

Frame of reference, Motion in a straight line: Position-time graph, speed and velocity.

Elementary concepts of differentiation and integration for describing motion. Uniform and non-uniform motion, average speed and instantaneous velocity. Uniformly accelerated motion, velocity time and position-time graphs.

Relations for uniformly accelerated motion (graphical treatment).

Chapter–4: Motion in a Plane

Scalar and vector quantities; Position and displacement vectors, general vectors and their notations; equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors. Relative velocity. Unit vector; Resolution of a vector in a plane - rectangular components. Scalar and Vector product of vectors.

16 JULY-31 JULY'17

Motion in a plane, cases of uniform velocity and uniform acceleration-projectile motion. Uniform circular motion.

Unit III: Laws of Motion

Chapter–5: Laws of Motion

Intuitive concept of force. Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion.

Law of conservation of linear momentum and its applications.

Equilibrium of concurrent forces. Static and kinetic friction, laws of friction, rolling friction, lubrication.

1 AUGUST-15 AUGUST'17

Dynamics of uniform circular motion: Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on banked road).

Unit IV: Work, Energy and Power

Chapter-6: Work, Energy and Power

Work done by a constant force and a variable force; kinetic energy, work-energy theorem, power.

Notion of potential energy, potential energy of a spring, conservative forces: conservation of mechanical energy (kinetic and potential energies); non-conservative forces: motion in a vertical circle; elastic and inelastic collisions in one and two dimensions.

16 AUGUST-30 AUGUST'17

Unit V: Motion of System of Particles and Rigid Body

Chapter-7: System of Particles and Rotational Motion

Centre of mass of a two-particle system, momentum conservation and centre of mass motion.

Centre of mass of a rigid body; centre of mass of a uniform rod.

Moment of a force, torque, angular momentum, laws of conservation of angular momentum and its applications.

Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions.

Moment of inertia, radius of gyration. Values of moments of inertia, for simple geometrical objects (no derivation). Statement of parallel and perpendicular axes theorems and their applications.

REVISION FOR SEMESTER I

CLASS XI (SUBJECT- COMPUTER SCIENCE)

SEM 1

Unit 1- Only two topics i.e. Number System, Internal Storage encoding of characters

Unit 2- Introduction to C++ (Complete)

Unit 3- Programming methodology (Complete)

Unit 4- From Flow of control till user-defined functions

HOME SCIENCE / CLASS 11/ 1st TERM SYLLABUS
(15 Day BREAKUP)

1 st - 12 th May	Unit 1- Concept of Home Science and Its Scope Unit 2- Know little children
3 rd July - 18 th July	Unit 2 – Know little children (cont.) + Practical
19 th July - 2 nd August	Unit 4 - Family and Community Resources
3 rd August - 18 th August	Unit 3 - Food, Nutrition, Health and Fitness+ Practical
19 th August - 31 st August	Unit 3 - Food, Nutrition, Health and Fitness+ Practical+ Practical (cont.)
September	Practical exam + Revision

FIRST TERMINAL SYLLABUS OF MATHS FOR CLASS 11	
28 th April -12 th May	Chapter 1 Definition of a set Operations on sets Venn diagrams
3 July- 18 th July	Chapter 3 started Angles and its different units Trigonometric ratios of compound angles Sum and product formulae
19 th July - 4 th Aug	Chapter 3 continued Trigonometric equations Chapter 6 Linear inequality in 1 variable – graphical and algebraic solution Linear inequality in 2 variable – graphical solution
5 th Aug - 19 th Aug	Chapter 4 Principle of mathematical induction Series questions Factor questions Inequality questions Chapter 10 started Concept of slope in Straight lines Different forms of a lines
20 th Aug – 4 th Sept	Chapter 10 continued Family of lines Parallel and perpendicular lines wrt family of lines Chapter 12 Concept of 3D geometry Distance, Section formulae Locus in 3D Chapter 11 Circles as a conic section

Political Science Syllabus / Class XI / Sem I

Part A

1. Constitution why and how and philosophy of the Constitution
2. Elections and Representation
3. The Executive
4. The Legislative
5. The Judiciary

Part B

1. Political Theory : An Introduction
2. Freedom
3. Equality
4. Rights

SPV / FIRST SEMESTER SYLLABUS / PHYSICAL EDUCATION / CLASS XI /2017

UNIT 1 CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION

- Meaning and definition of physical education
- Aims and objectives of physical education
- Changing trends in physical education
- Various physical education courses available in India
- Career option in physical education
- Soft skills required for different careers

UNIT 2 OLYMPIC MOVEMENT

- Ancient and Modern Olympics (Summer and Winter)
- Olympic Symbols, Ideals, Objectives and Values
- International Olympic Committees
- Indian Olympic Association
- Dronacharya award , Arjuna award, and Rajiv Gandhi Khel Ratna award
- Organisational set-up of CBSE Sports and Chacha Nehru Sports award

UNIT 3 PHYSICAL FITNESS, WELLNESS AND LIFESTYLE

- Meaning and importance of Physical Fitness , Wellness and Lifestyle
- Components of Physical fitness
- Components of Wellness
- Preventing Health threats through Lifestyle change
- Concept of positive lifestyle

UNIT 4 PHYSICAL EDUCATION AND SPORTS FOR DIFFERENTLY ABLED

- Aims and objectives of Adaptive Physical education
- Organisation promoting Adaptive Sports (Special Olympics Bharat, Paralympics , Deaflympics)
- Concept and need of Integrated Physical education
- Concept of Inclusion , its need and Implementation
- Role of various professionals for children with special needs (Counsellor, Occupational therapist, Physiotherapist , Physical education Teacher , Speech therapist and special educator)

UNIT 5 YOGA

- Meaning and importance of Yoga
- Elements of Yoga
- Introduction – Asanas, Pranayam, Meditation and Yogic Kriyas
- Yoga for concentration and related Asanas (Sukhasana, Tadasana, Padmasana, and Shashankasana)
- Relaxation Techniques for improving concentration- Yog –nidra

UNIT 7 TEST, MEASUREMENT AND EVALUATION

- Define Test , Measurement and Evaluation
- Importance of Test , Measurement and Evaluation in sports
- Calculation of BMI and Waist- Hip Ratio
- Somato types (Endomorphy , Mesomorphy and Ectomorphy)
- Procedures of Anthropometric measurements – Height, weight, Arm and leg length