IST SEMESTER CYCLES:

22 April to 15 May

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.

Concept of differentiation and integration and their uses

Vector analysis

4 July to 24 July 2019

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

25 July to 17 August 2019

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.

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

18 August to 6 September 2019

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, law 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

2nd Semester Cycles:

Chapter–8: Gravitation

Kepler's laws of planetary motion, universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth.

Gravitational potential energy and gravitational potential, escape velocity, orbital velocity of a satellite, Geo-stationary satellites.

Unit VII: Properties of Bulk Matter

Chapter–9: Mechanical Properties of Solids

Elastic behaviour, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity, Poisson's ratio; elastic energy.

1 November to 21 November 2019

Chapter–10: Mechanical Properties of Fluids
Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure.

Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity, Bernoulli's theorem and its applications.

Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application of surface tension ideas to drops, bubbles and capillary rise.

Chapter–11: Thermal Properties of Matter

Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water; specific heat capacity; $C_p$, $C_v$ - calorimetry; change of state - latent heat capacity.

Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of Blackbody radiation, Wein's displacement Law, Stefan's law, Greenhouse effect.

22 November to 13 December 2019

Unit VIII: Thermodynamics

Chapter–12: Thermodynamics


Unit IX: Behaviour of Perfect Gases and Kinetic Theory of Gases

Chapter–13: Kinetic Theory
Equation of state of a perfect gas, work done in compressing a gas.

Kinetic theory of gases - assumptions, concept of pressure. Kinetic interpretation of temperature; rms speed of gas molecules; degrees of freedom, law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number.

23 December to 23 January 2019

Unit X: Oscillations and Waves

Chapter–14: Oscillations

Periodic motion - time period, frequency, displacement as a function of time, periodic functions.

Simple harmonic motion (S.H.M) and its equation; phase; oscillations of a loaded spring- restoring force and force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period. Free, forced and damped oscillations (qualitative ideas only), resonance.

24 January to 12 February 2019-05-03

Chapter–15: Waves

Wave motion: Transverse and longitudinal waves, speed of travelling wave, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats, Doppler effect.

13 February onwards Revisions
## SYLLABUS BUSINESS STUDIES CLASS 11

### FIRST TERMINAL SYLLABUS OF BUSINESS STUDIES FOR CLASS 11-C

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<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>22&lt;sup&gt;nd&lt;/sup&gt; April - 15&lt;sup&gt;th&lt;/sup&gt; May</td>
<td>Nature and Purpose of Business and Forms of Business Organisation</td>
</tr>
<tr>
<td>4&lt;sup&gt;th&lt;/sup&gt; July - 24&lt;sup&gt;th&lt;/sup&gt; July</td>
<td>Forms of Business Organisation (Contd) and Public, Private and Global Enterprises</td>
</tr>
<tr>
<td>25&lt;sup&gt;th&lt;/sup&gt; July - 17&lt;sup&gt;th&lt;/sup&gt; Aug</td>
<td>Business Services, Emerging Modes of Business</td>
</tr>
<tr>
<td>18&lt;sup&gt;th&lt;/sup&gt; Aug - 6&lt;sup&gt;th&lt;/sup&gt; Sept</td>
<td>Social Responsibility of Business and Business Ethics and Revision for Term I</td>
</tr>
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### SECOND TERMINAL SYLLABUS OF BUSINESS STUDIES FOR CLASS 11-C

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<tbody>
<tr>
<td>9&lt;sup&gt;th&lt;/sup&gt; Oct - 31&lt;sup&gt;st&lt;/sup&gt; Oct</td>
<td>Sources of Business Finance</td>
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<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; Nov - 21&lt;sup&gt;st&lt;/sup&gt; Nov</td>
<td>Small Business</td>
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<tr>
<td>22&lt;sup&gt;nd&lt;/sup&gt; Nov - 13&lt;sup&gt;th&lt;/sup&gt; Dec</td>
<td>Internal Trade</td>
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<tr>
<td>23&lt;sup&gt;rd&lt;/sup&gt; Dec - 23&lt;sup&gt;rd&lt;/sup&gt; Jan</td>
<td>International Business-(Procedure)</td>
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<tr>
<td>24&lt;sup&gt;th&lt;/sup&gt; Jan - 12&lt;sup&gt;th&lt;/sup&gt; Feb</td>
<td>International Business-(Documents)</td>
</tr>
<tr>
<td>13&lt;sup&gt;th&lt;/sup&gt; Feb - 21&lt;sup&gt;st&lt;/sup&gt; Feb</td>
<td>Project Work and Revision for Term II</td>
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### Physical Education Syllabus / Class XI

#### SEMESTER I

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<th>Topic</th>
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<td>22&lt;sup&gt;nd&lt;/sup&gt; April – 30&lt;sup&gt;th&lt;/sup&gt; April 2019</td>
<td>Unit I</td>
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<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; May – 15&lt;sup&gt;th&lt;/sup&gt; May 2019</td>
<td>Unit II</td>
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<td>Unit III, Unit IV</td>
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<tr>
<td>25&lt;sup&gt;th&lt;/sup&gt; July – 17&lt;sup&gt;th&lt;/sup&gt; August 2019</td>
<td>Unit V, Unit VI</td>
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<tr>
<td>18&lt;sup&gt;th&lt;/sup&gt; August – 6&lt;sup&gt;th&lt;/sup&gt; September 2019</td>
<td>Completion of Practical file Revision.</td>
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#### SEMESTER II

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<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; November – 21&lt;sup&gt;st&lt;/sup&gt; November 2019</td>
<td>Unit VII</td>
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<tr>
<td>22&lt;sup&gt;nd&lt;/sup&gt; November – 13&lt;sup&gt;th&lt;/sup&gt; December 2019</td>
<td>Unit VII Continue, Introduction of Unit IX</td>
</tr>
<tr>
<td>23&lt;sup&gt;rd&lt;/sup&gt; December – 23&lt;sup&gt;rd&lt;/sup&gt; January 2020</td>
<td>Unit IX</td>
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<td>24&lt;sup&gt;th&lt;/sup&gt; January – 12&lt;sup&gt;th&lt;/sup&gt; February 2020</td>
<td>Unit X</td>
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<tr>
<td>13&lt;sup&gt;th&lt;/sup&gt; February – 21&lt;sup&gt;st&lt;/sup&gt; February 2020</td>
<td>Revision, Preparation for Viva</td>
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</table>
### SYLLABUS PLANNING SOCIOLOGY XIth 2019-20 TERM I

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<tr>
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<th>CHAPTERS TO COVERED</th>
<th>NAME OF THE CHAPTERS/TOPICS</th>
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<tbody>
<tr>
<td>25th April - 15th May</td>
<td>Book 1 Ch.1 - Society, Sociology &amp; Relationship to other Social Sciences</td>
<td>Complete</td>
</tr>
<tr>
<td>25th July - 15th May</td>
<td>Book 1 Ch.2 - Basic Concepts</td>
<td>Complete</td>
</tr>
<tr>
<td>4th July - 24th July</td>
<td>Book 1 Ch.3 - Social Institutions</td>
<td>Complete</td>
</tr>
<tr>
<td>25th July - 17th Aug</td>
<td>Book 1 Ch.4 - Culture &amp; Society</td>
<td>Complete</td>
</tr>
<tr>
<td>18th Aug - 6th Sept.</td>
<td>Book 1 Ch.5 - Practical Sociology : Methods &amp; Techniques</td>
<td>Complete</td>
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<tr>
<td></td>
<td>Starting with individual research file discussions</td>
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### CLASS XI SYLLABUS PLANNING TERM II SOCIOLOGY (2019-20)

<table>
<thead>
<tr>
<th>TIME PERIOD</th>
<th>CHAPTERS TO COVERED</th>
<th>NAME OF THE CHAPTERS/TOPICS</th>
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</thead>
<tbody>
<tr>
<td>9 OCT - 31 OCT</td>
<td>Chapter 4 (book 1)</td>
<td>Culture &amp; Society</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Research Methodology</td>
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<tr>
<td></td>
<td>Chapter 5 (book 1)</td>
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<tr>
<td>1 NOV - 21 NOV</td>
<td>Chapter 4 (book 2)</td>
<td>Western Social Thinkers</td>
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<tr>
<td></td>
<td>File Discussions</td>
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<tr>
<td>22 NOV - 13 Dec</td>
<td>Chapter 5 (book 2)</td>
<td>Indian Sociologists</td>
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<td>File Discussions</td>
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<tr>
<td>23 DEC - 23 JAN</td>
<td>Chapter 1 (book 2)</td>
<td>Structure, Process and Stratification</td>
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<tr>
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<td>Social Change</td>
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<td></td>
<td>Chapter 2 (book 2) (first half)</td>
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<td>24 JAN - 12 FEB</td>
<td>Chapter 2 (book 2) (second half)</td>
<td>Social Change</td>
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<td>Environment and Society</td>
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<td>Chapter 3 (book 2) (first half)</td>
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<td>13 FEB - 21 FEB</td>
<td>Chapter 3 (book 2) (second half)</td>
<td>Environment and Society</td>
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<td></td>
<td>File Discussions</td>
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<tr>
<td>SEMESTER I</td>
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<tr>
<td>22\textsuperscript{nd} April – 30\textsuperscript{th} April 2019</td>
<td>Unit 1 : Some Basic Concepts of Chemistry</td>
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<tr>
<td>1\textsuperscript{st} May – 15\textsuperscript{th} May 2019</td>
<td>Unit 2 : Structure of Atom</td>
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<td>Unit 14 : Environmental Chemistry</td>
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<tr>
<td>4\textsuperscript{th} July – 24\textsuperscript{th} July 2019</td>
<td>Unit 2 (contd.)</td>
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<td></td>
<td>Unit 3 : Classification of Elements and Periodicity in Properties</td>
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<tr>
<td>25\textsuperscript{th} July – 17\textsuperscript{th} August 2019</td>
<td>Unit 4 : Chemical Bonding and Molecular Structure</td>
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<tr>
<td>18\textsuperscript{th} August – 6\textsuperscript{th} September 2019</td>
<td>Unit 5 : States of Matter : Gases and Liquids</td>
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<tr>
<td></td>
<td>Revision</td>
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<tr>
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<tbody>
<tr>
<td>9\textsuperscript{th} October – 31\textsuperscript{st} October 2019</td>
<td>Unit 8 : Redox Reactions</td>
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<td>Unit 10 : s – Block Elements</td>
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<tr>
<td>1\textsuperscript{st} November – 21\textsuperscript{st} November 2019</td>
<td>Unit 11 : p-Block Elements</td>
</tr>
<tr>
<td></td>
<td>Unit 12 : Organic Chemistry : Some basic principles and techniques</td>
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<td>22\textsuperscript{nd} November – 13\textsuperscript{th} December 2019</td>
<td>Unit 12 : (contd.)</td>
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<td></td>
<td>Unit 13 : Hydrocarbons</td>
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<td>23\textsuperscript{rd} December – 23\textsuperscript{rd} January 2020</td>
<td>Unit 9 : Hydrogen</td>
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<td>Unit 6 : Chemical Thermodynamics</td>
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<td>24\textsuperscript{th} January – 12\textsuperscript{th} February 2020</td>
<td>Unit 7 : Equilibrium</td>
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<td>Unit 7 &amp; Revision</td>
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# ACCOUNTS Syllabus / Class XI

**FIRST TERMINAL SYLLABUS OF ACCOUNTANCY FOR CLASS 11-C**

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<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>22&lt;sup&gt;nd&lt;/sup&gt; April-15&lt;sup&gt;th&lt;/sup&gt; May</td>
<td>Fundamentals of Accounting, Basic terms , Theory Base of Accounting, Cash Basis Vs Accrual Basis of Accounting, Accounting Equations</td>
</tr>
<tr>
<td>4&lt;sup&gt;th&lt;/sup&gt; July-24&lt;sup&gt;th&lt;/sup&gt; July</td>
<td>Journal ,Special Journal and GST</td>
</tr>
<tr>
<td>25&lt;sup&gt;th&lt;/sup&gt; July-17&lt;sup&gt;th&lt;/sup&gt; Aug</td>
<td>Ledger and Trial Balance and Cashbook and Subsidiary Books</td>
</tr>
<tr>
<td>18&lt;sup&gt;th&lt;/sup&gt; Aug-6&lt;sup&gt;th&lt;/sup&gt; Sept</td>
<td>Bank Reconciliation Statements and Financial Statements without Adjustments and Revision for Term I</td>
</tr>
</tbody>
</table>

**SECOND TERMINAL SYLLABUS OF ACCOUNTANCY FOR CLASS 11-C**

<table>
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<tr>
<th>Date</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>9&lt;sup&gt;th&lt;/sup&gt; Oct-31&lt;sup&gt;st&lt;/sup&gt; Oct</td>
<td>Financial Statements with Adjustments</td>
</tr>
<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; Nov -21&lt;sup&gt;st&lt;/sup&gt; Nov</td>
<td>Depreciation, Reserves and Provision</td>
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<tr>
<td>22&lt;sup&gt;nd&lt;/sup&gt; Nov-13&lt;sup&gt;th&lt;/sup&gt; Dec</td>
<td>Bills Of Exchange and Incomplete Records</td>
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<tr>
<td>23&lt;sup&gt;rd&lt;/sup&gt; Dec-23&lt;sup&gt;rd&lt;/sup&gt; Jan</td>
<td>Accounting of Not for Profit Organisation.</td>
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<tr>
<td>24&lt;sup&gt;th&lt;/sup&gt; Jan-12&lt;sup&gt;th&lt;/sup&gt; Feb</td>
<td>Computers in Accounting</td>
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<tr>
<td>13&lt;sup&gt;th&lt;/sup&gt; Feb-21&lt;sup&gt;st&lt;/sup&gt; Feb</td>
<td>Revision.</td>
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# Political Science Syllabus / Class XI

**SEMESTER I**

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<th>Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>22&lt;sup&gt;nd&lt;/sup&gt; April – 15&lt;sup&gt;th&lt;/sup&gt; May 2019</td>
<td>Part A</td>
<td>Chapter 1 &amp; 3</td>
</tr>
<tr>
<td>4&lt;sup&gt;th&lt;/sup&gt; July - 24&lt;sup&gt;th&lt;/sup&gt; July 2019</td>
<td>Part B</td>
<td>Chapter 9, 10, 11</td>
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<tr>
<td>25&lt;sup&gt;th&lt;/sup&gt; July – 17&lt;sup&gt;th&lt;/sup&gt; August 2019</td>
<td>Part B</td>
<td>Chapter 12, 13</td>
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<tr>
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<td>Part A</td>
<td>Chapter 2 &amp; 3</td>
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**SEMESTER II**

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<thead>
<tr>
<th>Date</th>
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<tbody>
<tr>
<td>9&lt;sup&gt;th&lt;/sup&gt; October – 31&lt;sup&gt;st&lt;/sup&gt; October 2019</td>
<td>Part A</td>
<td>Chapter 4 &amp; 5</td>
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<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; to 21&lt;sup&gt;st&lt;/sup&gt; November 2019 to 5&lt;sup&gt;th&lt;/sup&gt; December 2019</td>
<td>Part A</td>
<td>Chapter 6, 7 &amp; 8</td>
</tr>
<tr>
<td>22&lt;sup&gt;nd&lt;/sup&gt; November – 13&lt;sup&gt;th&lt;/sup&gt; December 2019</td>
<td>Part B</td>
<td>Chapter 14 &amp; 15</td>
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<tr>
<td>24&lt;sup&gt;th&lt;/sup&gt; January – 12&lt;sup&gt;th&lt;/sup&gt; February 2020</td>
<td>Part B</td>
<td>Chapter 16 &amp; 17 Project Discussion</td>
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<tr>
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<td>Part B</td>
<td>Chapter 18 (Project Discussion)</td>
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</table>

**Book:** Part A – Indian Constitution  
Part B – Political Theory
| TERM I | Theme 1 - From the beginning of time  
| Theme 2 - Writing & City Life | Theme 3 - An Empire across three continents  
| Theme 4 - Central Islamic lands | Theme 4 (contd.)  
| Theme 6 - The Three orders | Theme 7 – Changing cultural tradition  
| (Till the First Printed Books) | There is to be covered in a Research based Assignment – Marks allotted 15 (to be added Internal assessment) – This is a Summer Vacation Project. |

| TERM II | Theme 7 – Aspiration of women and Debates within Christianity  
| Theme 8 - Confrontation of cultures | Theme 9 – The Industrial Revolution  
| Theme 10 - Displacing Indigenous peoples (Native Americans) | Theme 10 – (Australian Aboriginals) |
| Theme 11 - Paths to modernizaiton (Japan) | Completion of Syllabus and Revision  
| Project on Theme in World History to be completed in this Semester Subimission date: 1st February |
### ENGLISH SYLLABUS for Class XI/ 2019-20

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<th>Term I</th>
<th>TERM II</th>
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</thead>
</table>
| **22nd April-15th May**  
Letter to the English teacher  
The Portrait of a Lady  
The Photograph  
Summer of the beautiful white horse  
Notice+Poster  

**4-19th July**  
The Address  
Discovering Tut  
We’re not afraid to die  
Letter to the Editor  
Notemaking  

**20th July-4th August**  
Voice of the Rain  
Landscape of the soul  
Letter of Enquiry  
Article writing  

**5th -20th August**  
Letter to the Principal  
Ranga’s marriage  
Ailing planet  
Reading Comprehension  
Notemaking  

**21st -30th August**  
Albert Einstein at school  
Laburnum top  
Letter of Complaint  
Notemaking  

**1-10th September**  
Writing skills – revision  
Grammar Practice  
Literature revision  

**October**  
Childhood  
Father to son  
Mother’s day  

**1-16th November**  
Birth  
Silk Road  
Article writing  
Grammar Practice  

**18-30th November**  
The Browning version  
Notemaking practice  

**2nd-13th December**  
The tale of the Melon city  
The Ghat of the only world  

**14th-24th December**  
The Adventure  
Advertisements  
-To let  
-Lost and found  
-Situation vacant & situation wanted  

**January**  
Writing skills- Revision  
Reading comprehension  
Notemaking  
Literature revision  

**1-10th February**  
Grammar revision  
Notemaking  
Writing skills – revision
# CLASS XI / Economics syllabus (2019-20)

## First Semester Syllabus of Economics for class XI

<table>
<thead>
<tr>
<th>Dates</th>
<th>Topics</th>
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<td>23&lt;sup&gt;rd&lt;/sup&gt; April – 15&lt;sup&gt;th&lt;/sup&gt; May</td>
<td><strong>Statistics</strong>&lt;br&gt;• Introduction&lt;br&gt;• Collection of data – Basic concepts</td>
</tr>
<tr>
<td>4&lt;sup&gt;th&lt;/sup&gt; July – 24&lt;sup&gt;th&lt;/sup&gt; July</td>
<td><strong>Statistics</strong>&lt;br&gt;• Collection of Data&lt;br&gt;• Organisation of data</td>
</tr>
<tr>
<td>25&lt;sup&gt;th&lt;/sup&gt; July – 17&lt;sup&gt;th&lt;/sup&gt; Aug</td>
<td><strong>Statistics</strong>&lt;br&gt;• Presentation of Data&lt;br&gt;• Arithmetic Mean</td>
</tr>
<tr>
<td>18&lt;sup&gt;th&lt;/sup&gt; Aug – 6&lt;sup&gt;th&lt;/sup&gt; Sept</td>
<td><strong>Microeconomics</strong>&lt;br&gt;• Introduction&lt;br&gt;• Production Possibility curve&lt;br&gt;• Opportunity cost&lt;br&gt;• Consumer’s Equilibrium and Demand&lt;br&gt;Introduction of Project&lt;br&gt;Revision</td>
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## Second Semester Syllabus of Economics for class XI

<table>
<thead>
<tr>
<th>Dates</th>
<th>Topics</th>
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<tr>
<td>9&lt;sup&gt;th&lt;/sup&gt; Oct – 31&lt;sup&gt;st&lt;/sup&gt; Oct</td>
<td><strong>Statistics</strong>&lt;br&gt;• Median and Quartiles&lt;br&gt;• Mode&lt;br&gt;• Measures of Dispersion – Range, Quartile Deviation</td>
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<tr>
<td>1&lt;sup&gt;st&lt;/sup&gt; Nov – 21&lt;sup&gt;st&lt;/sup&gt; Nov</td>
<td><strong>Statistics</strong>&lt;br&gt;• Measures of dispersion- Mean deviation, Standard Deviation&lt;br&gt;<strong>Microeconomics</strong>&lt;br&gt;• Production</td>
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<td>22&lt;sup&gt;nd&lt;/sup&gt; Nov – 13&lt;sup&gt;th&lt;/sup&gt; Dec</td>
<td><strong>Microeconomics</strong>&lt;br&gt;• Production&lt;br&gt;• Cost</td>
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<tr>
<td>23&lt;sup&gt;rd&lt;/sup&gt; Dec – 23&lt;sup&gt;rd&lt;/sup&gt; Jan</td>
<td><strong>Microeconomics</strong>&lt;br&gt;• Revenue and Market Forms&lt;br&gt;• Producer’s Equilibrium</td>
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<td>24&lt;sup&gt;th&lt;/sup&gt; Jan – 12&lt;sup&gt;th&lt;/sup&gt; Feb</td>
<td><strong>Microeconomics</strong>&lt;br&gt;• Price Determination and Simple Applications&lt;br&gt;<strong>Statistics</strong>&lt;br&gt;• Index numbers</td>
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<td>13&lt;sup&gt;th&lt;/sup&gt; Feb – 21&lt;sup&gt;st&lt;/sup&gt; Feb</td>
<td>Revision</td>
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<td>22 April-15 May</td>
<td><strong>Chapter 1</strong>&lt;br&gt;Definition of a set&lt;br&gt;Operations on sets&lt;br&gt;Venn diagrams</td>
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<td><strong>Chapter 3 started</strong>&lt;br&gt;Angles and its different units&lt;br&gt;Trigonometric ratios of compound angles&lt;br&gt;Sum and product formulae</td>
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<td>4 July – 24 July</td>
<td><strong>Chapter 3 continued</strong>&lt;br&gt;Trigonometric equations</td>
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<td><strong>Chapter 6</strong>&lt;br&gt;Linear inequality in 1 variable – graphical and algebraic solution&lt;br&gt;Linear inequality in 2 variable – graphical solution</td>
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<td>25 July – 17 Aug</td>
<td><strong>Chapter 4</strong>&lt;br&gt;Principle of mathematical induction&lt;br&gt;Series questions&lt;br&gt;Factor questions&lt;br&gt;Inequality questions</td>
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<td><strong>Chapter 10 started</strong>&lt;br&gt;Concept of slope in Straight lines&lt;br&gt;Different forms of a lines</td>
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<td>18 August – 6 Sept</td>
<td><strong>Chapter 10 continued</strong>&lt;br&gt;Parallel and perpendicular lines wrt family of lines</td>
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<td><strong>Chapter 12</strong>&lt;br&gt;Concept of 3D geometry&lt;br&gt;Distance, Section formulae</td>
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<td><strong>Chapter 11</strong>&lt;br&gt;Circles as a conic section</td>
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<td>9th Oct - 31st Oct</td>
<td><strong>Chapter 11 continued</strong>&lt;br&gt;Parabola, Ellipse and Hyperbola</td>
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<td><strong>Chapter 9</strong>&lt;br&gt;Arithmetic Progression&lt;br&gt;Geometric progression&lt;br&gt;Special sequences</td>
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<td>1st Nov - 21st Nov</td>
<td><strong>Chapter 7</strong>&lt;br&gt;Permutations&lt;br&gt;Combinations</td>
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<td><strong>Chapter 8</strong>&lt;br&gt;Binomial Distribution formula&lt;br&gt;General term, middle term and special terms</td>
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<td>22nd Nov - 13th Dec</td>
<td><strong>Chapter 16</strong>&lt;br&gt;Sample space for complex experiments&lt;br&gt;Probability of different events</td>
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<td><strong>Chapter 2 started</strong>&lt;br&gt;Cartesian product&lt;br&gt;Relations &amp; Functions - Domain, Range, Co-Domain and graph</td>
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<tr>
<td>23rd Dec – 23rd Jan</td>
<td><strong>Chapter 2 continued</strong>&lt;br&gt;Functions – standard and application of standard functions.</td>
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<td><strong>Chapter 13</strong>&lt;br&gt;Limits using factorisation, rationalisation, formulae&lt;br&gt;Derivatives-product, quotient and Chain Rule</td>
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<td>23rd Feb – 13th Feb</td>
<td><strong>Chapter 15</strong>&lt;br&gt;Central tendencies and deviations around them</td>
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<td>Revision</td>
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# CLASS XI PSYCHOLOGY

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<tr>
<td>1</td>
<td>22nd April – 15th May</td>
<td>Chapter 1&lt;br&gt;Introduction to psychology&lt;br&gt;- branches and fields of psychology&lt;br&gt;- Schools of psychology&lt;br&gt;- Introduction to project for summer break</td>
</tr>
<tr>
<td>2</td>
<td>4th July – 24th July</td>
<td>Chapter 2&lt;br&gt;Methods of enquiry in psychology&lt;br&gt;- Different methods (definition, limitations and advantages)&lt;br&gt;- Continuation of project work</td>
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<td>3</td>
<td>25th July – 17th August</td>
<td>Chapter 3&lt;br&gt;Bases of human behavior&lt;br&gt;- Biological bases of behavior (Nervous system, hormones and genetics)&lt;br&gt;- Psychological and cultural (assimilation, enculturation and socialization)</td>
</tr>
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<td>4</td>
<td>18th August – 6th September</td>
<td>Chapter 4&lt;br&gt;Human development&lt;br&gt;- What is development&lt;br&gt;- Stages of development&lt;br&gt;- Infancy&lt;br&gt;+ revision for first term</td>
</tr>
<tr>
<td>5</td>
<td>9th October – 31st October</td>
<td>Chapter 4 (contd)&lt;br&gt;- Developmental stages of childhood, adulthood and old age&lt;br&gt;Practical work&lt;br&gt;Introduction to practical of class xii&lt;br&gt;Five psychometric tests (testing and writing report)</td>
</tr>
<tr>
<td>6</td>
<td>1st November – 21st November</td>
<td>Chapter 5&lt;br&gt;Sensory, perception and attentional processes&lt;br&gt;- Principles of sensation and perception&lt;br&gt;- Introduction to attention and theories&lt;br&gt;- Practical application</td>
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<tr>
<td>7</td>
<td>22nd November – 13th December</td>
<td>Chapter 6&lt;br&gt;Learning&lt;br&gt;- Classical conditioning&lt;br&gt;- Operant conditioning&lt;br&gt;- Observational learning&lt;br&gt;- Cognitive learning</td>
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<td>23rd December – 23rd January</td>
<td>Chapter 6 : Learning (contd)&lt;br&gt;Chapter 7: Memory</td>
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<td>9</td>
<td>24th January – 12th February</td>
<td>Chapter 8: Thinking&lt;br&gt;Chapter 9: Motivation and Emotion</td>
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<tr>
<td>10</td>
<td>13th Feb – 21st Feb</td>
<td>Revision</td>
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## XI HOME SCIENCE SYLLABUS

### SEMESTER I & II 2019-20

<table>
<thead>
<tr>
<th>SEMESTER I</th>
<th>CONTENT PLANNED</th>
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</thead>
</table>
| 3rd Apr to 24th Apr 2019 | • Concept of H.Sc. and its scope  
                          • Definition of food, nutrition, health (WHO) and fitness. Functions of food, |
| 25th Apr to 15th May 2019 | • Selection of food for optimum nutrition and good health  
                          • Storage of food |
| 4th Jul to 24th Jul 2019 | • Food Processing  
                          • Preparation of food |
| 25th Jul to 17th Aug 2019 | • Childhood, Adolescence, Adulthood  
                          • Protection from preventable disease |
| 18th Aug to 6th Sep 19 | • Special Needs and Care of disadvantage  
                          • Managing Emergencies  
                          Revision |

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<th>SEMESTER II</th>
<th>CONTENT PLANNED</th>
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| 9th Oct to 31st Oct 19 | • Family and Community resources  
                          • Management Process |
| 1st Nov to 21st Nov 19 | • Time, energy management  
                          • Space management |
| 22nd Nov to 13th Dec 19 | • Introduction to Fibre Science  
                          • Fabric Construction |
| 23rd Dec 19 to 23rd Jan 20 | • Fabric Finishes  
                          • Respect for girl child |
| 24th Jan to 12th Feb 20 | • Income generating schemes  
                          • Communication |
| 13th Feb to 21st Feb 20 | Revision |