

# Syllabus for IB ACIO

## Quantitative Aptitude

<b>Ratio and Proportion</b>
Percentage
Profit and Loss
Simple Interest
Compound Interest
Average
Time and Work
Pipes and Cistern
Time and Distance
Boats and Stream
Mixture Allegation
Partnership
Problem on Ages
Permutation & Combination
Probability
Series
Mensuration 2D
Mensuration 3D

## Reasoning Ability

<b>Alphabetical series</b>
Coding Decoding
Syllogism
Direction Sense
Ranking and Order
Blood Relation
Sitting Arrangement
Puzzles
Series
Analogy Numbers and Alphabets

Odd one out
Calendar
Counting figure
Mathematical Operations

## **English Language**

Parts of Speech
Subject - Verb agreement
Nouns
Pronouns
Tenses
Modals
Conditional Sentences
Question Tag
Preposition
Complex Preposition
Conjunction
Articles
Advance Verbs
Active - Passive Voice
Synonyms
Antonyms
Phrasal Verbs
Idioms and Phrases
One word Substitution

## **General Awareness**

July
August
September
October
November
December
January

## **General Studies - Economics**

<b>Growth and Development</b>
<b>Monetary Policy</b>
<b>Fiscal Policy</b>
<b>Balance of Payment</b>
<b>Inflation</b>
<b>Nature of Indian Economy</b>
<b>Role of Economic Planning</b>
<b>Important International Institutions</b>

## **History**

<b>Ancient History - Pre-History, Indus Valley Civilization, Buddhism, Jainism, Magadha Empire, Gupta Age, Post Gupta,</b>
<b>Medieval History - Early Medieval, Sultanate Period, Mughals, Marathas</b>
<b>Modern History - Advent of Europeans, British Expansion, Revolt of 1857, Early years of Indian Congress, Constitutional Development and Governor Generals, Divide and Rule, Mahatma Gandhi and the National Struggle</b>

## **Polity**

<b>Basics of Indian Constitution</b>
<b>Indian Union and Citizenship</b>
<b>Fundamental Rights</b>
<b>Fundamental Duties and Directive Principles</b>
<b>Centre State Relations</b>
<b>Executives in India</b>
<b>Parliament of India</b>
<b>State Legislature</b>
<b>Indian Judiciary</b>
<b>Important Constitutional and Non Constitutional Bodies</b>

<b>Local Self Governments and Scheduled Areas</b>
<b>Miscellaneous Topics</b>

## **Geography**

<b>Universe &amp; Solar System</b>
<b>Fundamentals of our Planet</b>
<b>Atmosphere - Structure &amp; Composition</b>
<b>Oceans of the World</b>
<b>Major climatic types</b>
<b>Biogeography</b>
<b>Indian Physiography</b>
<b>Indian Demography</b>
<b>Continents of the World</b>

## **Science**

<b>Basics Concepts of Physics - Motion, Force and Law of Motion, Friction, Force and Pressure, Gravitation, Pascal law, Bernoulli's Principle, Work Power Energy, Electricity and Magnetism, Sound and Light.</b>
<b>Basic Concepts Of Chemistry -Matter, Atom and Molecule and Compound Mixtures, Acid/Bases, Metals and Non-Metals and Periodic Table, Heat, Synthetic Fiber and Chemical Bonding, Chemical Reactions and Organic Chemistry.</b>
<b>Basics Concepts of Biology</b>

## **Descriptive English - Tier 2 : Essay Writing, Precise Writing, Comprehension**