

**CREDENCE HIGH SCHOOL, DUBAI**  
**Syllabus-2021-22**

**SUBJECT - ENGLISH (CODE-301)**

**GRADE- 11**

<b>TERM - I</b>	<b>TERM - II</b>
<b>April – October</b>	<b>November-March</b>
<p><b>HORNBILL - PROSE</b></p> <ol style="list-style-type: none"> <li>1.The Portrait of a Lady (Khushwant Singh).</li> <li>2.We’re Not Afraid to Die... if We Can All Be Together (Gordon Cook and Alan East)</li> <li>3.Discovering Tut: the Saga Continues (A.R. Williams)</li> <li>4.Landscape of the Soul (Nathalie Trouveroy)</li> </ol> <p><b>HORNBILL - POETRY</b></p> <ol style="list-style-type: none"> <li>1.A Photograph (Shirley Toulson)</li> <li>2. The Laburnum Top (Ted Huges)</li> <li>3.The Voice of the Rain (Walt Whitman)</li> </ol>	<p><b>HORNBILL - PROSE</b></p> <ol style="list-style-type: none"> <li>5. The Ailing Planet: the Green Movement’s Role (Nani Phalkivala)</li> <li>6. The Browning Version (Terence Rattigan)</li> <li>7. Adventure (Jayant Narlikar)</li> <li>8.Silk Road (Nick Middleton)</li> </ol> <p><b>HORNBILL - POETRY</b></p> <ol style="list-style-type: none"> <li>4. Childhood (Markus Natten)</li> <li>5. Father to Son (Elizabeth Jennings)</li> </ol>
<p><b>SUPPLEMENTARY READER - SNAPSHOT</b></p> <ol style="list-style-type: none"> <li>1. The Summer of the Beautiful White Horse (William Saroyan)</li> <li>2. The Address (Marga Minco)</li> <li>3. Ranga’s Marriage (M.V. Iyengar)</li> <li>4. Albert Einstein at School (Patrick Pringle)</li> </ol>	<p><b>SUPPLEMENTARY READER - SNAPSHOT</b></p> <ol style="list-style-type: none"> <li>5. Mother’s Day (J.B. Priestley)</li> <li>6.The Ghat of the Only World (Amitav Ghosh)</li> <li>7. Birth (A.J. Cronin)</li> <li>8. The Tale of Melon City (Vikram Seth)</li> </ol>

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<p><b>WRITING</b></p> <p><b>Short Writing Tasks.</b></p> <ol style="list-style-type: none"> <li>1. Notice Writing.</li> <li>2. Advertisement.</li> <li>3. Poster Writing.</li> <li>4. Invitation and Replies.</li> </ol> <p><b>Long Writing Tasks.</b></p> <ol style="list-style-type: none"> <li>5. Letter to the Editor (giving suggestions or opinion on issues of public interest).</li> <li>6. Application for a job.</li> <li>7. Article Writing.</li> <li>8. Report Writing.</li> <li>9. Reading Comprehension -1(Unseen) to assess comprehension, interpretation and inference.</li> </ol> <p><b>READING COMPREHENSION</b></p> <ol style="list-style-type: none"> <li>10. Reading Comprehension -2(Unseen) case-based factual passage with verbal/visual inputs like statistical data, charts, newspaper report etc.</li> </ol>	<p><b>WRITING</b></p> <p><b>Short Writing Tasks.</b></p> <ol style="list-style-type: none"> <li>1. Notice Writing.</li> <li>2. Advertisement.</li> <li>3. Poster Writing</li> <li>4. Invitation and Replies</li> </ol> <p><b>Long Writing Tasks.</b></p> <ol style="list-style-type: none"> <li>5. Letter to the Editor (giving suggestions or opinion on issues of public interest).</li> <li>6. Application for a job.</li> <li>7. Article Writing.</li> <li>8. Report Writing.</li> <li>9. Reading Comprehension -1(Unseen) to assess comprehension, interpretation and inference.</li> </ol> <p><b>READING COMPREHENSION</b></p> <ol style="list-style-type: none"> <li>10. Reading Comprehension -2(Unseen) case-based factual passage with verbal/visual inputs like statistical data, charts, newspaper report etc.</li> </ol>
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**CREDENCE HIGH SCHOOL, DUBAI**  
**Syllabus-2021-22**

**SUBJECT - MATHS**

**GRADE- 11**

<p><b>TERM - I</b></p> <p><b>April – October</b></p>	<p><b>TERM - II</b></p> <p><b>November-March</b></p>
<p>1. Sets 2. Relations &amp; Functions 3. Trigonometric Functions 4. Principle of Mathematical Induction 5. Complex Numbers and Quadratic Equations 6. Linear Inequalities 7. Permutations and Combinations 8. Binomial Theorem 9. Sequence and Series 10.Limits and Derivatives</p> <p><b><u>Applied Mathematics</u></b></p> <p>1. Numbers, Quantification and Numerical Applications 2. Algebra 3. Calculus 4. Basics of Financial Mathematics</p>	<p>1.Straight Lines 2.Conic Sections 3.Introduction to Three-dimensional Geometry 4. Mathematical Reasoning 5.Statistics 6. Probability</p> <p><b><u>Applied Mathematics</u></b></p> <p>1.Mathematical Reasoning 2. Probability 3. Descriptive Statistics 4. Coordinate Geometry</p>

**CREDENCE HIGH SCHOOL, DUBAI**  
**Syllabus-2021-22**

**SUBJECT - PHYSICS**

**GRADE- 11**

<b>TERM - I</b> <b>April – October</b>	<b>TERM - II</b> <b>November-March</b>
Chapter–1: Physical World Chapter–2: Units and Measurements Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane Chapter–5: Laws of Motion Chapter–6: Work, Energy and Power Chapter–7: System of Particles and Rotational Motion Chapter–8: Gravitation	Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids Chapter–11: Thermal Properties of Matter Chapter–12: Thermodynamics Chapter–13: Kinetic Theory Chapter–14: Oscillations Chapter–15: Waves

**CREDENCE HIGH SCHOOL, DUBAI**  
**Syllabus-2021-22**

**SUBJECT - CHEMISTRY**

**GRADE- 11**

<b>TERM - I</b> <b>April – October</b>	<b>TERM - II</b> <b>November-March</b>
<ol style="list-style-type: none"><li>1. Chapter 1: Some Basic concepts of chemistry.</li><li>2. Chapter 8: Redox Reactions</li><li>3. Chapter 2: Structure of atom</li><li>4. Chapter 3: Classification of elements and periodicity in properties</li><li>5. Chapter 4: Chemical Bonding</li><li>6. Chapter- 14: Environmental Chemistry</li></ol>	<ol style="list-style-type: none"><li>1. Chapter 12: General principles of Organic Chemistry</li><li>2. Chapter 13: Hydrocarbons</li><li>3. Chapter 5: States of matter</li><li>4. Chapter 7: Equilibrium</li><li>5. Chapter 6: Thermodynamics</li><li>6. Chapter 10: s-Block</li></ol>

**CREDENCE HIGH SCHOOL, DUBAI**  
**Syllabus-2021-22**

**SUBJECT - BIOLOGY**

**GRADE- 11**

<p><b>TERM - I</b></p> <p><b>April – October</b></p>	<p><b>TERM - II</b></p> <p><b>November-March</b></p>
<p>Chapter 8: Cell Chapter 10- Cell cycle and Division Chapter 9- Biomolecules Chapter 16: Digestion And Absorption Chapter 17: Breathing And Exchange Of Gases Chapter 18: Body Fluids And Circulation Chapter 19: excretory products and their elimination Chapter 11: Transport in plants Chapter 12: Mineral nutrition</p>	<p>Chapter 1: The Living World Chapter 2- Biological Classification Chapter 3- Plant Kingdom Chapter 4- Animal Kingdom Chapter 5- Morphology of Flowering plants  Chapter 7- Structural Organization in Animals Chapter 22- Chemical Coordination &amp; Integration</p>

**CREDENCE HIGH SCHOOL, DUBAI**  
**Syllabus-2021-22**

**SUBJECT - ACCOUNTANCY (055)**

**GRADE- 11**

<p><b>TERM - I</b></p> <p><b>April – October</b></p>	<p><b>TERM - II</b></p> <p><b>November-March</b></p>
<p>1. Chapter 1:- Introduction to Accounting.            2. Chapter 2:- Basic Accounting Terms.            3. Chapter 3:- Theory Base Accounting, Accounting Standards and Indian Accounting Standards            4. Chapter 4:- Bases of Accounting            5. Chapter 5:- Accounting Equations.            6 Chapter 6:- Accounting Procedure            7. Chapter 7:- Origin of Transactions -Source documents            8. Chapter 8:- Journal            9. Chapter 9:- Ledger            10. Chapter 13:- Trial Balance            11 Chapter 11:- Special Purpose Book -1,II</p>	<p>1. Chapter 12:- Bank Reconciliation Statement            2. Chapter 14:- Depreciation.            3. Chapter 15:- Provisions and Reserve.            4. Chapter 16:- Accounting for bills of exchange.            5. Chapter 17:- Rectification of Errors            6. Chapter 18:- Financial Statements of Sole Proprietorship            7 Chapter 19:- Adjustments in Preparation of Final Accounts            8. Chapter 20:- Accounts from Incomplete records.</p>

**CREDENCE HIGH SCHOOL, DUBAI**  
**Syllabus-2021-22**

**SUBJECT - BUSINESS STUDIES (054)**

**GRADE- 11**

<p><b>TERM - I</b></p> <p><b>April – October</b></p>	<p><b>TERM - II</b></p> <p><b>November-March</b></p>
<p>Part A Foundations of Business</p> <p>1.Chapter 1:- Nature and Purpose of Business</p> <p>2 Chapter 2:- Forms of Business Organisations</p> <p>3 Chapter 3:- Public, Private and Global Enterprises</p> <p>4 Chapter 4:- Business Services</p> <p>5 Chapter 5:- Emerging Modes of Business</p>	<p>1 Chapter 6:- Social Responsibility of Business and Business Ethics</p> <p>Part B Finance and Trade</p> <p>2. Chapter 7:- Sources of Business Finance</p> <p>3.Chapter 8:- Small Business</p> <p>4. Chapter 9:- Internal Trade</p> <p>5. Chapter 10:- International Business.</p>



**CREDENCE HIGH SCHOOL, DUBAI**  
**Syllabus-2021-22**

**SUBJECT - ECONOMICS (030)**

**GRADE- 11**

TERM - I  April – October	TERM - II  November-March
<p><b><u>PART A: INTRODUCTORY MICROECONOMICS</u></b></p> <ol style="list-style-type: none"> <li>1. UNIT- 4: Introduction</li> <li>2. UNIT- 5: Consumer’s equilibrium and demand</li> </ol> <p><b><u>PART B: STATISTICS FOR ECONOMICS</u></b></p> <ol style="list-style-type: none"> <li>3. UNIT- 1: Introduction</li> <li>4. UNIT- 2: Collection, organisation and presentation of data</li> </ol>	<p><b><u>PART A: INTRODUCTORY MICROECONOMICS (continued)</u></b></p> <ol style="list-style-type: none"> <li>1. UNIT- 6: Producer behaviour and supply</li> <li>2. UNIT- 7: Forms of market and price determination under perfect competition</li> </ol> <p><b><u>PART B: STATISTICS FOR ECONOMICS (continued)</u></b></p> <ol style="list-style-type: none"> <li>3. UNIT- 3: Statistical tools and interpretation</li> </ol>

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**Syllabus-2021-22**

**SUBJECT - INFORMATION PRACTICES (065)**

**GRADE- 11**

TERM - I <b>April – October</b>	TERM - II <b>November-March</b>
<p><b>Unit-1- Introduction to Computer System</b></p> <p>Introduction to computer and computing Computer Memory Software</p> <p><b>Unit-2 Introduction to Python programming</b></p> <p>Basics of Python programming Control Statements: if-else, for loop Lists: list operations Dictionary:</p> <p><b>Unit-3 Data Handling using NumPy</b></p> <p>Data and its purpose Introduction to NumPy library Arithmetic operations on one Dimensional and two Dimensional arrays</p>	<p><b>Unit-4- Database concepts and the Structured Query Language</b></p> <p>Database Concepts: Relational data model: Advantages of using Structured Query Language Data Definition: Data Query: Data Manipulation:</p> <p><b>Unit-5 Introduction to the Emerging Trends</b></p> <p>Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR),</p> <p>Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.</p>

**CREDENCE HIGH SCHOOL, DUBAI**  
**Syllabus-2021-22**

**SUBJECT - COMPUTER SCIENCE(083)**

**GRADE- 11**

<p><b>TERM - I</b></p> <p><b>April – October</b></p>	<p><b>TERM - II</b></p> <p><b>November-March</b></p>
<p><b>Unit 1: Computer systems and Basic computer Organization</b> Types of software Operating software Boolean logic Number systems Encoding schemes Emerging trends</p> <p><b>Unit II: Computational thinking and Programming II</b></p> <p>Introduction to Problem solving Basics of python programming Knowledge of data types Operators Errors Flow of control Conditional statements Iterative statements</p>	<p><b>Python</b> Strings Lists Tuples Dictionary Python modules</p> <p><b>Unit III: Society, Law and Ethics</b></p> <p>Digital footprints Digital society and netizen Data protection Cyber crime Cyber safety Safety accessing websites E-waste management Indian Information Technology-IIT Technology and society</p> <p><b>Practical</b></p>

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**SUBJECT- ISLAMIC STUDIES**

**GRADE- 11**

<b>TERM - I</b> <b>April – October</b>	<b>TERM - II</b> <b>November-March</b>
<ol style="list-style-type: none"><li>1. Surah Al Ahzab (1-8)</li><li>2. Financial contracts in Islam</li><li>3. The arabic language and culture</li><li>4. Source of Islamic Sharia</li></ol>	<ol style="list-style-type: none"><li>1. Surah Al ahzab (21-27)</li><li>2. Umm e Salamah</li><li>3. Equity in Islam</li><li>4. Islam and social networking</li></ol>

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**SUBJECT - MEP**

**GRADE- 11**

<b>TERM - I</b> <b>April – October</b>	<b>TERM - II</b> <b>November-March</b>
<ol style="list-style-type: none"><li>1. Peace and Conflict studies</li><li>2. The individual and the community</li><li>3. Universal Culture</li></ol>	<ol style="list-style-type: none"><li>1. Global Citizenship (Part 1)</li><li>2. Global Citizenship (Part 2)</li><li>3. Developing a Global Outlook</li></ol>