

CREDENCE HIGH SCHOOL, DUBAI
SYLLABUS - HALF YEARLY EXAMINATION - 2026-2027

GRADE - 12	
SUBJECT	SYLLABUS
ENGLISH	Total Marks (80) Section A -READING COMPREHENSION(22 Marks) 1. Factual, descriptive, literary 2. Case-based factual Section B - WRITING (18 Marks) 1. Notice 2. Letter to the Editor 3. Article Writing 4. Invitations & Replies 5. Job Application & Biodata Section C- LITERATURE (40 Marks) 1. Poets and Pancakes (Flamingo) 2. Indigo (Flamingo) 3. My Mother at Sixty six (Flamingo) 4. The Last Lesson (Flamingo) 5. The Third Level (Vistas) 6. Keeping Quiet (Flamingo) 7. Lost Spring (Flamingo) 8. Journey to the End of the Earth (Vistas) 9. Deep Water (Flamingo) 10. Memories of Childhood (Vistas) 11. A Thing of Beauty (Flamingo) 12. The Tiger King (Vistas) 13. The Rattrap (Flamingo) 14. The Enemy (Vistas)
MATHEMATICS	Total Marks (80) Chapter 1: Relations and functions (10Marks) Chapter 2: Inverse Trigonometric functions (5 marks) Chapter 3: Matrices (10 marks) Chapter 4: Determinants (7 marks) Chapter 5: Continuity and differentiability (16 marks) Chapter 6: Applications of derivatives (14 marks) Chapter 7: Integrals (10 Marks) Chapter 10: Vector Algebra (8 marks)

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APPLIED MATHS	Total Marks (80) Chapter 1: Number Quantification and Numerical Application (16 Marks) Chapter 2: Matrix (7 Marks) Chapter 3: Determinant (8 Marks) Chapter 4: Differentiation and its Application (10 Marks) Chapter 5: Integration and Application (8 Marks) Chapter 7: Probability Distribution (16 Marks) Chapter 8: Inferential Statistics (7 Marks) Chapter 9: Time based Data (8 Marks)
PHYSICS	Total Marks (70) Chapter-1: Electric charges and Fields (10 Marks) Chapter-2: Electric potential and Capacitance (10 Marks) Chapter-3: Current Electricity (10 Marks) Chapter-4: Moving charges and Magnetism (15 Marks) Chapter-5: Magnetism and Matter (5 Marks) Chapter-6: Electromagnetic Induction (10 Marks) Chapter-7: Alternating Current (10 Marks)
BIOLOGY	Total Marks (70) Chapter-1: Sexual Reproduction in Flowering Plants (9 Marks) Chapter-2: Human Reproduction (9 Marks) Chapter-3: Reproductive Health (7 Marks) Chapter-7: Human Health and Diseases (8 Marks)

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	Chapter-8: Microbes in Human Welfare (8 Marks) Chapter-9: Biotechnology - Principles and Processes (8 Marks) Chapter-10: Biotechnology and its Applications (7 Marks) Chapter-11: Organisms and Populations (7 Marks) Chapter-12: Ecosystem (7 Marks)
CHEMISTRY	Total Marks (70) Chapter 1: Solutions (14) Chapter 2: Electrochemistry (16) Chapter 3: Haloalkanes and Haloarenes (12) Chapter 4: Alcohols, Phenols and Ethers (12) Chapter 5: Aldehydes, Ketones and Carboxylic Acid (16)
ACCOUNTANCY	Total Marks (80) Chapter-1: Accounting for Partnership Firms Fundamentals (17 Marks) Chapter -2: Goodwill: Nature and Valuation (5 Marks) Chapter -4: Admission of a partner (5 Marks) Chapter -7: Accounting for Shares (17 Marks) Chapter- 8: Accounting for Debentures (16 Marks) Chapter -9: Financial Statement and Analysis (5 Marks) Chapter -11: Ratio Analysis (7 Marks) Chapter-12: Cash Flow Statement (8 Marks)
BUSINESS STUDIES	Total Marks (80) Chapter-1: Nature and Significance of Management (8 Marks)

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	Chapter-2: Principles of Management (12 Marks) Chapter- 3: Business Environment (12 Marks) Chapter-4: Planning (12 Marks) Chapter-5: Organizing (16 Marks) Chapter-6: Staffing (8 Marks) Chapter -11: Marketing Management (12 Marks)
ECONOMICS	Total Marks (80) Part A-Macroeconomics Chapter 1-National Income and Related Aggregates (20 Marks) Chapter 2-Money and Banking (10 Marks) Part B-Indian Economic Development Chapter1&2- Development Experience (1947-90) (30 Marks) Chapter 3 -Economic Reforms since 1991 (20 Marks)
MARKETING	Total Marks (60) Part A Chapter 1-Communication Skills (7 Marks) Chapter 2-Self Management Skills (8 Marks) Part B Chapter 1-Product (15 Marks) Chapter 2-Price Decision (15 Marks) Chapter 3-Place Decision- Channels of Distribution (15 Marks)

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PSYCHOLOGY	Total Marks (70) Chapter 1: Variations in Psychological Attributes (15 Marks) Chapter 2: Self and Personality (15 Marks) Chapter 3: Meeting Life Challenges (20 Marks) Chapter 4: Psychological Disorders (20 Marks)
INFORMATICS PRACTICES	Total Marks (70) Chapter 1: Python Libraries and Series Operations (10 Marks) Chapter 2: Dataframes and Data Visualization (25 Marks) Chapter 3: Database Query using MYSQL (25 Marks) Chapter 4: Introduction to Computer Networks (10 Marks)
COMPUTER SCIENCE	Total Marks (70) Chapter 1: Python Tour 1 and 2 (Grade 11 topics) (10 Marks) Chapter 2: Working with Functions and Exception Handling (15 Marks) Chapter 3: File Handling and Stack Operations (25 Marks) Chapter 4: Database Management using MYSQL (10 Marks) - Database concepts, Relational data model, MySQL Operations using different statements, clauses, and operators. Chapter 5: Computer Networks (10 Marks) - Evolution of networking, Data communication terminologies, Transmission media, Network devices, Network topologies and network types, Network protocols.
ARTIFICIAL INTELLIGENCE	Total Marks (50) Part A Unit 1: Communication Skills-IV(6 Marks)

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	Unit 2: Self-Management Skills-IV(6 Marks) Unit 3: ICT Skills-IV(6 Marks) Unit 4: Entrepreneurial Skills-IV(6 Marks) Part B Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project (10 Marks) Unit 3: Making Machines See (8 Marks) Unit 5: Introduction to Big Data and Data Analytics (8 Marks)
PHYSICAL EDUCATION	Total Marks (70) Unit 1: Management of Sporting Events (15 Marks) Unit 2: Children and Women in Sports (15 Marks) Unit 3: Yoga as Preventive measure for Lifestyle Disease (15 Marks) Unit 4: Physical Education & Sports for CWSN (15 Marks) Unit 5: Sports & Nutrition (10 Marks)