

IGCSE I

SYLLABUS OF EXAMINATION

DECEMBER 2025

Subject	Topics
English	<ul style="list-style-type: none"> ○ Unseen Passages ○ Directed Writing ○ Journal writing ○ Descriptive writing ○ Narrative Writing ○ Letter Writing (Formal & Informal) ○ Article Writing ○ Summary Writing ○ Word Smart A - F
Urdu	<ul style="list-style-type: none"> ○ Unseen Comprehension Passages ○ Summary Writing ○ Essay Writing ○ Email Writing ○ Note Making
Mathematics	<ul style="list-style-type: none"> ○ Unit 1 Chapter 1 Review of number concepts. ○ Unit 2 Chapter 5 Fractions, Percentages and Standard form ○ Unit 3 Chapter 9 Rational and Irrational Numbers and Surds ○ Unit 4 Chapter 13 Understanding Measurement ○ Unit 1 chapter 2 Making sense of Algebra ○ Unit 2 Chapter 6 Equations, Factors and Formulae ○ Unit 3 Chapter 10 Quadratic Expressions and Equations From ○ Unit 4 Chapter 14 Further Solving of Equations and Inequalities Exclude (Region in a Plane) ○ Unit 2 Chapter 8 Introduction to Probability

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Islamiyat

Paper 1

1. Quranic passages

Allah' relationship with the created world

Surah Alaq (96 : 1-5), Surah Fatiha 1, Surah Zilzaal (99) Surah Baqarah (2), Surah An

Nas (114)

2. History and importance of Quran

- Compilation of Quran during the time of Rightly guided caliphs
- Uses of Quran in daily lives

3. Life of Holy Prophet SAW

Life in Medina 1 A.H till 5 A.H

4. First Islamic Community

- Scribes of divine revelation

Paper 2

1. Ahadith :

11 till 15

2. History and importance of Hadith

- Structure of Hadith • Methods used by major compilers

3. Rightly guided caliphs Caliphate

of Hazrat Umer (RA)

- Expansion of the Islamic Empire (Battles undertaken against the Persian and the Byzantines, • Administration of Hazrat Umer (R.A) • Martyrdom

4. Articles of Faith and pillars of Islam

- Life after death • Predestination
- Zakat (charity) • Fasting

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Pakistan Studies	<u>History</u> <ul style="list-style-type: none"> ○ Minto Morley 1909 ○ Reversal of partition of Bengal ○ Lucknow Pact 1916 ○ Montagu-Chelmsford Reforms 1919 ○ Rowlett act Amritsar Massacre 1919 ○ Khilafat Movement 1919- 1924 ○ Simon Commission 1927 Nehru Report 1928 14 points of Jinnah 1929 ○ Allahabad address 1930 ○ Salt March 1930 ○ Round Table Conference 1931-32 ○ Govt of India act 1935 1937 Election 	<u>Geography</u> <ul style="list-style-type: none"> ○ Climate ○ Elements of climate Climatic regions and their features ○ Climate Sources of rainfall Hazards ○ Agriculture ○ Types of agriculture Agricultural processes Individual crops ○ Agriculture Green revolution (modern methods of farming in detail) ○ Agriculture Livestock farming Types, distribution, reasons ○ Agriculture Vegetable and fruit farming
Biology	<ul style="list-style-type: none"> ○ Characteristics of living organisms. ○ Concept and use of classification ○ Features of organisms. ○ Cell structure ○ Size of specimen ○ Diffusion ○ Osmosis ○ Active transport ○ Biological molecules., ○ Enzymes ○ Photosynthesis. ○ Leaf structure. ○ Diet ○ Digestive System ○ Physical Digestion ○ Chemical digestion ○ Absorption ○ Minerals and Limiting factors 	

Chemistry

- KP Theory:
- States of matter
- Diffusion
- Experimental design
 - Apparatus used to measure time, temperature, mass and volume,
 - Purification Method Crystallization
 - Evaporation
 - Filtration
- Experimental design:
 - Distillation
 - Fractional distillation
 - Chromatography
- Elements, Compounds and Mixtures: • differences between elements, compounds and mixtures
- 2.2 Atomic Structure:
 - Symbols of atoms
 - Subatomic particles
 - Proton number
 - Nucleon number
 - Electronic configuration (first 20 elements only)
- Isotopes:
 - Similar chemical properties of isotopes
 - Calculate relative atomic mass of elements using isotopic abundances of its isotopes (Radioactive isotopes as energy sources not to be taught)
- Ionic Bonding
- Covalent Bonding
- Macromolecules
- Metallic Bonding
 - Explain in terms of structure and bonding • properties of metals: (a) good electrical conductivity (b) malleability and ductility
- Formula • Construct word equation • chemical equation with state symbols • Balancing equation • Ionic equation
- Periodic Table Identify trends in groups, given information about the elements
- 8.1 (Complete)
- Arrangement of elements
- 8.2 (Complete)
- Alkali metals
- 8.5 (complete)
- Noble gases
- Noble group Describe the Group VIII noble gases as unreactive monatomic gases

HELPE

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Physics	<ul style="list-style-type: none"> ○ Physical Quantities and Measurement ○ Mass, Weight & Density ○ Kinematics ○ Forces & Effects (Basic Forces, Newton Laws, Hooks Law etc) ○ KMT ○ Thermal Properties ○ Thermal Properties (Heat Capacity) ○ Heat Transfer
Computer Science	<ul style="list-style-type: none"> ○ 1 Data representation 1.1 Number systems ○ 1.2 Text, sound and images ○ 1.3 Data storage and compression ○ 2 Data transmission 2.1 Types and methods of data transmission ○ 2.2 Methods of error detection ○ 2.3 Encryption ○ 3 Hardware 3.2 Input and output devices ○ 3.3 Data storage ○ 3.4 Network hardware
Accounting	<ul style="list-style-type: none"> ○ Fundamentals of Accounting ○ Sources and Recording of Data ○ Verifications of accounting records ○ Preparation of financial statements ○ Accounting Ratio's ○ Three Column cash book its preparation ○ Petty cash book and concept of imprest system. ○ Verification of accounting records ○ Bank Reconciliation ○ Preparation of bank Reconciliation Statement.

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Business Studies	<ul style="list-style-type: none"> ○ Purpose of Business Activities ○ Concept of Needs, Wants, and Scarcity ○ Economic Problems and Factors of Production ○ Concept of Specialization, Division of Labour, and Opportunity Cost ○ Economic Sectors (Primary, Secondary, Tertiary) ○ Enterprise, Business Growth, and Size ○ Business Objectives and Stakeholder Objectives ○ People in Business ○ Human Resource Management ○ Recruiting and Selecting Employees ○ Employment Contracts ○ Legal Controls over Employment Issues ○ Training Employees ○ Organization and Management ○ Simple Organization Structures (Only) 		
Economics	<table border="1"> <tr> <td> <ul style="list-style-type: none"> ○ Chapter - 1 ○ Chapter - 2 ○ Chapter - 3 ○ Chapter - 4 ○ Chapter - 5 ○ Chapter - 6 ○ Chapter - 7 </td> <td> <ul style="list-style-type: none"> ○ Chapter – 8 ○ Chapter – 9 ○ Chapter – 10 ○ Chapter – 11 ○ Chapter – 12 ○ Chapter – 13 ○ Chapter – 16 </td> </tr> </table>	<ul style="list-style-type: none"> ○ Chapter - 1 ○ Chapter - 2 ○ Chapter - 3 ○ Chapter - 4 ○ Chapter - 5 ○ Chapter - 6 ○ Chapter - 7 	<ul style="list-style-type: none"> ○ Chapter – 8 ○ Chapter – 9 ○ Chapter – 10 ○ Chapter – 11 ○ Chapter – 12 ○ Chapter – 13 ○ Chapter – 16
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Note: All topics s Sub- Topics are included in the syllabus of each subject.