

Final Examination May 2023

IGCSE I Syllabus

Islamiyat - 0493

Paper 1

- Compilation of Quran
- Life of Holy Prophet (SAW)
 - Madni life 1 A.H -5 A.H
- The First Islamic Community
 - Emigrants and Helpers
 - Scribes of Divine Revelation
- Quranic Passages 11-15
- History and Importance of Quran
 - Revelation of Quran and Compilation of Quran under the Rightly Guided Caliphs
- Life of Holy Prophet (SAW)
- Madni life 6 A.H -10 A.H
- Qualities of Holy Prophet (SAW), Prophet's SAW relations with others

The First Islamic Community

- Descendants of Holy Prophet (SAW)

Paper 2

Hadith 11-18

Categories of Hadith

History and Importance of Hadith

- Structure of Hadith
- Methods used by the major compilers of Hadith.

Pillars of Islam and Articles of Faith

- Zakat, Fasting
- Articles: Belief in Pre-Destination and Decree and Belief in Last Day
- Rightly Guided Caliphs
- Hazrat Umar (RA) and his Caliphate
- Articles of Faith and Pillars of Islam
- Prayers: including preparation, its performance and importance, prayers in congregation, congregational prayers on Friday and Festivals, times of prayer, private prayer, delayed prayer, shortened prayer, impurities, and purification (cleanliness, method, and condition)



Subject	Topics
<p>Pakistan Studies 0448 Paper 1- History and culture of Pakistan</p>	<ul style="list-style-type: none"> ➤ 1930--1958 ➤ Allahabad Address 1930 ➤ Salt March 1930 ➤ Round table Conference 1930-32 ➤ Govt of India Act 1935 ➤ 1937 Election ➤ Congress Rule 1937-39 ➤ Pakistan Resolution 1940 ➤ Cripps Mission 1942 Quit India Resolution ➤ Gandhi Jinnah Talks 1944 Shimla Conference 1945 ➤ 1945 Election ➤ Cabinet Mission Direct Action Day ➤ 3rd June plan, Redcliff Award Indian Independence Act 1947 ➤ Role of Jinnah, Allama Iqbal and Rahmat Ali to Pakistan Movement ➤ Initial difficulties 1947 Achievements of Jinnah as G.G ➤ Period of political instability 1948-58.
<p>Paper 2- Environment of Pakistan</p>	<ul style="list-style-type: none"> ➤ Climate ➤ Power Resources ➤ Elements of climate ➤ Climatic regions and their features ➤ Sources of rainfall climatic Hazards in Pakistan. ➤ Nonrenewable resources i.e coal, oil, and gas ➤ Types uses, distribution, methods of extraction. ➤ Electricity generation thermal power stations, HEP, distribution, reasons ➤ Renewable power resources: Prospects, problems ➤ Industrial development ➤ Secondary & Territory industries
Subject	Topics
<p>Urdu Language - 0539</p>	<p>* میرا پسندیدہ مشغلہ (تفہیم ، مضمون ، خلاصہ) * خط * آداب و اطوار (تفہیم ، مضمون ، خلاصہ) * ناگہانی آفات (تفہیم ، مضمون ، خلاصہ) * دوستی (تفہیم ، مضمون ، خلاصہ) * انٹرنیٹ (تفہیم ، مضمون ، خلاصہ) * ہمارے سماجی رویے (تفہیم ، مضمون ، خلاصہ ، ای میل) * مطالعہ کی اہمیت (مضمون ، خلاصہ ، ای میل) * کتاب بہترین دوست ہے (تفہیم ، مضمون ، خلاصہ) * شہروں کے مسائل (مضمون ، خلاصہ ، ای میل) * میڈیا کا کردار (مضمون ، خلاصہ ، ای میل) * مثبت سوچ مثبت کردار (تفہیم ، مضمون ، خلاصہ) * کھیلوں کی اہمیت (مضمون ، خلاصہ ، ای میل)</p>



- * لوڈ شیڈنگ (تفہیم ، مضمون ، خلاصہ)
- * نظم و ضبط کی اہمیت (تفہیم ، مضمون ، خلاصہ)
- * پاکستان کے قدرتی وسائل (مضمون ، خلاصہ ، ای میل)
- * الودگی (تفہیم ، مضمون ، خلاصہ)
- * فرصت کے لمحات (مضمون ، خلاصہ ، ای میل)
- * سگریٹ نوشی (مضمون ، خلاصہ ، ای میل)
- * کسی ملک کی ترقی تعلیم پر منحصر ہے (تفہیم ، مضمون ، خلاصہ)
- * معاشرے میں قانون کی اہمیت (مضمون ، خلاصہ ، ای میل)

Subject	Topics
Chemistry - 0620	1. Atomic Structure (2.1,2.2,2.3) 2. Chemical Bonding (2.4-2.7) 3. Periodic table (8.2-8.4) 4. Moles (3.2, 3.3) 5. Chemistry of environment (10.1,10.2,10.3) 6. Acids , Bases & Salt (7.1, 7.2, 7.3, 12.2, 12.5)

Subject	Topics
Physics - 0625	General Physics <ul style="list-style-type: none"> ➤ Making Measurements ➤ Describing Motion ➤ Moment (Turning Effect of forces) ➤ Momentum ➤ Energy Stores and Transfers ➤ Energy Resources Thermal Physics <ul style="list-style-type: none"> ➤ The Kinetic Particle Model of Matter ➤ Thermal properties of Matter ➤ Thermal Energy Transfer Wave Properties <ul style="list-style-type: none"> ➤ Sound ➤ Properties of Waves

Subject	Topics
Biology - 0610	3 Movement in and out of cells 3.1 Diffusion 3.2 Osmosis 3.3 Active transport 4 Biological molecules 4.1 Biological molecules 5 Enzymes 5.1 Enzymes 7 Human Nutrition 7.1 Diet 7.2 Digestive System 7.3 Physical Digestion 7.4 Chemical Digestion 7.5 Absorption 8 Transport in Plants



8.1 Xylem and phloem
 8.2 Water Uptake
 8.3 Transpiration
 8.4 Translocation
9 Transport in Animals
 9.1 Circulatory System
 9.2 Heart
 9.3 Blood Vessels
 9.4 Blood
10 Diseases and Immunity
 10.1 Diseases and immunity
11 Gas exchange in Humans
 11.1 Gas exchange in humans
12 Respiration
 12.1 Respiration
 12.2 Aerobic respiration
 12.3 Anaerobic respiration
13 Excretion in Humans
 13.1 Excretion in Humans

Subject	Topics
Mathematics- 0580	<p>D2 Book Chapter#5 Quadratic Equations and Graphs Chapter #6 Algebraic Fractions • (Ex#6A,6B (Q1-Q3) and6C(Q1-Q14))</p> <p>Chapter#12 Volume and Surface Area of 3D shapes</p> <p>Chapter#2 Simultaneous Equation (Including Substitution method) Chapter#11 Trigonometric Ratios Chapter#15 Probability of Single Events</p> <p>D3 Book Solution of Simultaneous Linear and Quadratic Equations Chapter#1 Quadratic Equations and Function (Ex#1A and 1B)</p> <p>Chapter #3 Linear Inequalities (Ex#3A and 3B) Chapter#4 Indices and Standard Form Chapter#11 Congruence and Similarity Chapter #12 - Area and Volume of similar shapes</p>



Subject	Topics
<p>English Language 0500</p>	<p>Course book</p> <ul style="list-style-type: none"> • Unit 1: Robinson Crusoe Q3 & 4 • Unit 2: Directed Writing “A Rock and a Hard Place Q 3 to 7 • Unit4: Inferring Writer’s Attitude” Q # 2 (a – e) Pg.#41: “Text7”Q# 8 & 9 • Unit 8:“The Joys of Jogging”: Q3 and Q4 • Unit 9:: “The Eyes have it” : Q3 and Q5 • Unit 11: Directed Writing Text: “Feng Shui” Q#3 • Unit 11: Text 5: “Newspaper Article” Q #8a • Unit 12: Composition” Dialogues in Narrative” Q # 6 <p>Workbook</p> <ul style="list-style-type: none"> • Unit 1: Comprehension and Summary • Unit 2:“BearsandApes”Q #2–8 &Q #11 • Unit 3: Simply Flying(Q#2–6)(Q #9,10&11) • Unit 2: Bears and Apes Speech– Q3,12 &13 • Unit 5: Great Rivers Passage A - Q#2– 5 • Unit 5: Great Rivers Passage B– Q10– 12 • Unit 6:“The Artistic Elephant” – Q # 2 – 4 and Q # 6 • Unit 6: Trunk Tales Passage A – Q # 5: Report Writing • Unit 8:Medical Records: Appeal Letter <p>Composition and Directed Writings</p> <ul style="list-style-type: none"> • Letter Writing (Informal) • Journal Writing • Narrative Writing • Descriptive Writing • Summary Writing • Argumentative Writing • Report Writing • Letter of Appeal • Interview/script writing • Dialogue Writing <p>Smart Words</p> <ul style="list-style-type: none"> • Alphabet D to F (Meanings and Sentences) • Alphabet G to M (Meanings and Sentences)



Subject	Topics
Computer Science-0478	<ul style="list-style-type: none"> ➤ Data representation (binary, decimal, hexadecimal) ➤ Addition of binary numbers. ➤ Applications of hexadecimal memory and storage devices ➤ operating systems (4.1) (interrupt handler) ➤ Data transmission ➤ Methods of error detection ➤ Internet principles of operation ➤ How do search engines work ➤ automated systems (sensors, microprocessors, and actuators) ➤ Robotics ➤ Artificial intelligence (expert systems, machine learning) ➤ Cyber security (types of cyber-attacks) ➤ safeguarding against cyber-attacks (passwords, biometrics, two step verification, authentication) ➤ firewalls and proxy servers ➤ SSL ➤ Encryption ➤ Types of sensors ➤ Crypto currency ➤ Digital currency

Subject	Topics
Economics - 0455	<p>SECTION 1: THE BASIC ECONOMIC PROBLEM</p> <p>Unit 1.1 The nature of economic problem</p> <p>Unit 1.2 The factors of production</p> <p>Unit 1.3 Opportunity cost</p> <p>Unit 1.4 Production possibility curve</p> <p>SECTION 2: THE ALLOCATION OF RESOURCES</p> <p>Unit 2.1 Microeconomics and macroeconomics</p> <p>Unit 2.9 Market economic system</p> <p>SECTION 3: MICROECONOMICS DECISION MAKERS</p> <p>Unit 3.1 Money and banking</p> <p>Unit 3.2 Households</p> <p>Unit 3.4 Trade unions</p> <p>Unit 3.5 Firms</p> <p>Unit 3.6 Firms and production</p> <p>SECTION 2: ALLOCATION OF RESOURCES</p> <p>Unit 2.3 Demand</p> <p>Unit 2.4 Supply</p> <p>Unit 2.5 Price determination</p> <p>Unit 2.6 Price changes</p> <p>Unit 2.7 Price elasticity of demand</p> <p>Unit 2.8 Price elasticity of supply</p> <p>SECTION 3 MICROECONOMICS DECISION MAKERS</p> <p>Unit 3.3 Workers</p> <p>Unit 3.4 Firms costs, revenues and objectives</p> <p>SECTION 5 : ECONOMIC DEVELOPMENT</p> <p>Unit 5.4 Population</p>



Subject	Topics
Business Studies - 0450	Section-I-(term 1): Understanding business activity. Chapter 4,5 Chapter 4 Types of business organization Chapter 5 Business objectives and stakeholder objectives Chapter 6 Motivating employees Chapter 7 Organization and management Chapter 8 Recruitment, selection, and training of employees Chapter 9 Internal and external communication

Subject	Topics
Accounting-0452	1.Sources and recording of data Books of prime entries -Sales journal -Purchase journal -Sales return journal -Purchase return journal -3 column cash books -Posting from Journals to ledger account 2. Preparation of financial statements -Preparation of Basic sole trade Income statement & Statement of financial position (without adjustments) 3. Petty cash book and concept of imprest system -Preparation of petty cash book with analysis columns 4. Accounting procedures -Capital & Revenue incomes and Expenditures 5. Concept of Irrecoverable and Doubtful Debts -Accounting treatment of Irrecoverable debts and doubtful debts -Impact of Irrecoverable 6. Verification of Accounts Control accounts -Importance of control accounts -Preparation of purchase and sales ledger control accounts 7. Analysis and interpretation of financial statements Profitability ratios -Liquidity ratios -Efficiency ratios -Formulas, calculation, and interpretation of ratios -Interfirm comparison and analysis -Users and interested parties in financial analysis of business